

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Shafiqul Alim Flaher Examiner #: 79791 Date: 7-704
 Art Unit: 2645 Phone Number 305-4822 Serial Number: 10 015280
 Location: PIL 2 8612 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: 12-12-2011

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Search topic: A method for identifying a particular callee, said method comprising: detecting, at a destination device, a voice utterance of a callee; and identifying, at said destination device, a callee identity associated with said voice utterance, such that said callee identity is transmittable as an authenticated identity of said callee for a call

Search criteria: (determin\$5 or detect\$5 or recogni\$4) with (id or identification or identify\$5 or identity) with (speech or voice or utterance) with ('called party' or callee or 'answering party')

STAFF USE ONLY

Searcher: Pamela Reynolds

Searcher Phone #: 306-0255

Searcher Location: PK2 3C03

Date Searcher Picked Up: 7-7-04 Q2V3D

Date Completed: 7-8-04 9:50

Searcher Prep & Review Time: 109

Clerical Prep Time: _____

Online Time: 161

Type of Search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic _____

Litigation _____

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog _____

Questel/Orbit _____

Dr. Link _____

Lexis/Nexis _____

Sequence Systems _____

WWW/Internet _____

Other (specify) 1688 IBM TOVS

IBM



STIC Search Report

EIC 2600

STIC Database Tracking Number: 126563

TO: M Elahee
Location: PK2 8C12
Art Unit: 2645
Thursday, July 08, 2004

Case Serial Number: 10/015280

From: Pamela Reynolds
Location: EIC 2600
PK2-3C03
Phone: 306-0255

Pamela.Reynolds@uspto.gov

Search Notes

Dear M Elahee,

Please find attached the search results for 10/015280. I used the search strategy I emailed to you to edit, which you did. I searched the standard Dialog files, IBM TDBs, IEEE,, and the internet.

If you would like a re-focus please let me know.

Thank you.

Pamela Reynolds

File 9:Business & Industry(R) Jul/1994-2004/Jul 07
(c) 2004 The Gale Group

File 15:ABI/Inform(R) 1971-2004/Jun 27
(c) 2004 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2004/Jul 06
(c) 2004 The Gale Group

File 20:Dialog Global Reporter 1997-2004/Jul 08
(c) 2004 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2004/Jul 01
(c) 2004 The Gale group

File 75:TGG Management Contents(R) 86-2004/Jun W4
(c) 2004 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jul 06
(c) 2004 The Gale Group

File 88:Gale Group Business A.R.T.S. 1976-2004/Jul 07
(c) 2004 The Gale Group

File 98:General Sci Abs/Full-Text 1984-2004/Jun
(c) 2004 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media

File 141:Readers Guide 1983-2004/Jun
(c) 2004 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2004/Jul 05
(c) 2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/Jul 06
(c) 2004 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2004/Jul 06
(c) 2004 The Dialog Corp.

File 484:Periodical Abs Plustext 1986-2004/Jun W3
(c) 2004 ProQuest

File 553:Wilson Bus. Abs. FullText 1982-2004/Jun
(c) 2004 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2004/Jul 06
(c) 2004 The Gale Group

File 608:KR/T Bus.News. 1992-2004/Jul 08
(c) 2004 Knight Ridder/Tribune Bus News

File 620:EIU:Viewswire 2004/Jul 07
(c) 2004 Economist Intelligence Unit

File 613:PR Newswire 1999-2004/Jul 05
(c) 2004 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jul 05
(c) 2004 The Gale Group

File 623:Business Week 1985-2004/Jun 24
(c) 2004 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2004/Jun 24
(c) 2004 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2004/Jul 07
(c) 2004 San Jose Mercury News

File 635:Business Dateline(R) 1985-2004/Jun 25
(c) 2004 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2004/Jul 06
(c) 2004 The Gale Group

File 647:cmp Computer Fulltext 1988-2004/Jun W4
(c) 2004 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2004/Jul 06
(c) 2004 The Dialog Corp.

File 674:Computer News Fulltext 1989-2004/Jun W2
(c) 2004 IDG Communications

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane`s Defense&Aerospace 2004/Jun W4
(c) 2004 Jane`s Information Group

Set	Items	Description
S1	3665680	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	181790	S1(3N) (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSES? OR ANAL?)
S3	381	CALLEE
S4	58200	CALLED(3N) (PARTY OR PERSON OR INDIVIDUAL)
S5	3022	ANSWERING(3N) (PARTY OR PERSON OR INDIVIDUAL)
S6	1465	S2(3N) (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR CO- RRESPOND?)
S7	908280	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) (3N) (ID OR IDENTIFI- ER? OR IDENTIFICATION OR IDENTITY)
S8	1586	DESTINATION(3N)DEVICE?
S9	5398	THIRD()PARTY(3N)DEVICE?
S10	39298	(ACCEPT? OR REJECT? OR TERMINAT?) (3N) (CALL OR CONNECTION)
S11	12952	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT- IFIER??
S12	10369	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE- AVER J? OR WINTERS S?)
S13	9478523	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14	290801	(COMMUNICATION OR NETWORK? OR TELEPHON?) (3N)DEVICE?
S15	178	S3(S)(S8 OR S9 OR S13 OR S14)
S16	8	S15(S)S2
S17	4	RD S16 (unique items)
S18	8	S3(S)S2
S19	0	S18 NOT S16
S20	2	S2(S)(S4 OR S5)(S)(S7 OR S11)
S21	2	S20 NOT S8
S22	2	RD S21 (unique items)
S23	257	(S4 OR S5)(S)S10
S24	0	S23(S)S3
S25	0	S23(S)S11
S26	40	S12 AND S2
S27	0	S26(S)S7
S28	0	S26(S)S11
S29	2	S26(S)BIOMETRIC?
S30	2	S29 NOT (S16 OR S20)
S31	1	RD S30 (unique items)
S32	178	S3(S)(S8 OR S9 OR S13 OR S14)
S33	6	S32(S)S7
S34	6	S33 NOT (S29 OR S16 OR S20)
S35	3	RD S34 (unique items)

17/3,K/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04955068 Supplier Number: 47281486 (USE FORMAT 7 FOR FULLTEXT)
APEX Voice Communications announces release 6.1 of OmniVox for UNIX.
Business Wire, p04081115
April 8, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 763

... include other capabilities including SIT for special intercept tone detected (such as a CO recording), **fax / modem** detection, busy/ring/no answer detection, connect based on cadence, loop current change, **detection of voice** or answering machine and ANI -- used only in ISDN and Global Call systems to pass the originating **telephone** number on to the destination **callee**.

Other Enhancements
To improve the application's ability to "speak" a wide variety of numerical...

17/3,K/2 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04481521 Supplier Number: 46578894 (USE FORMAT 7 FOR FULLTEXT)
Telecom YoYo To Screen Human Yo-Yos
Electronic News (1991), p001
July 29, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1287

... According to Paul Saffo, a director at the Institute for the Future in Menlo Park, **voice recognition** --the ability of a device to call out and interact with the caller--will be...

...He noted Wildfire as one example. Wildfire is a ferociously expensive "electronic assistant" that uses **speech recognition** to interact with both the caller and the **callee**. Wildfire understands spoken commands, and in a friendly master/slave-like manner quickly responds to commands that tell it to take messages and find the **callee**. Wildfire also puts through conference calls, and it goes as far as whispering in its master's ear that a call is waiting, while the **callee** is engaged in another **telephone** conversation.

Wildfire isn't for everyone. It is designed for people who are frequently away...

17/3,K/3 (Item 1 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

08888039 SUPPLIER NUMBER: 18549433
Telecom YoYo to screen human Yo-Yos. (Big Island Communications Inc's computer telephony device) (Company Financial Information)
Bournellis, Cynthia
Electronic News (1991), v42, n2127, p1(2)

July 29, 1996

ISSN: 1061-6624

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1362

LINE COUNT: 00106

... expensive "electronic assistant" that uses speech recognition to interact with both the caller and the **callee**. Wildfire understands spoken commands, and in a friendly master/slave-like manner quickly responds to commands that tell it to take messages and find the **callee**. Wildfire also puts through conference calls, and it goes as far as whispering in its master's ear that a call is waiting, while the **callee** is engaged in another **telephone** conversation.

Wildfire isn't for everyone. It is designed for people who are frequently away...

17/3,K/4 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02208503 SUPPLIER NUMBER: 21021410
New 'virtual assistant' not for low budget. (General Magic's Portico service manages phone calls, appointments, voice mail and E-mail)
(Company Business and Marketing)

San Jose Mercury News, p1E(2)

August 16, 1998

ISSN: 0747-2099 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: General Magic's Portico service manages **phone** calls, voice mail, e-mail and appointments. The 'virtual' service can also search for specified information, such as stock quotes, and requires nothing more than a **telephone**. The service is expensive and targets mobile executives with large expense accounts, or other customers that can afford several hundreds of dollars per month. The service employs near-perfect **voice** **recognition** technology. Each user is assigned a toll-free number which is then used as the customer's basic **phone** number. Callers will encounter a voice-mail message asking their name and whether they want to leave a message or have the service attempt to locate the **callee**. Subscribers can designate a **phone** number for receiving calls through the service and can change this number as they change...
?

22/3,K/1 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01162313 98-11708

Reinforcing our moral vision: Examining the relationship between unethical behaviour and computer crime

Cardinali, Richard

Work Study v44n8 PP: 11-17 Nov/Dec 1995

ISSN: 0043-8022 JRNL CODE: WST

WORD COUNT: 5522

...TEXT: and procedures for handling this type of situation. One simple procedure is to have the **person answering** the phone call the supervisor and ask the supervisor to **verify** the **identity** of the caller. The supervisor, **recognizing** the subordinate's **voice**, gets in touch with the systems department who calls the person back to **verify** the **identity** of the caller. If the hacker called the systems supervisor directly with no call back...

22/3,K/2 (Item 1 from file: 620)

DIALOG(R) File 620:EIU:Viewswire

(c) 2004 Economist Intelligence Unit. All rts. reserv.

3106524

India regulations: Privacy laws - big brother's watching

COUNTRY: INDIA

JOURNAL: EIU ViewsWire - March 28, 2002

WORD COUNT: 4884

...whole population from undertaking some kinds of activity. Two separate classes of surveillance are usefully **identified** :

Human Identification

Identification is a process whereby a real-world entity is **recognised**, and its '**identity**' established. Identity is operationalised in the abstract world of information systems as a set of...

...set of information may be as small as a single code, specifically designed as an **identifier**, or may be a compound of such data as given and family name, date-of-birth and postcode of residence. Important examples of these techniques are, names -or what the **person** is **called** by other people; codes - or what the **person** is **called** by an organisation; knowledge - or what the person knows; tokens - or what the person has; biometrics - the term 'biometrics' is used to refer to those person-**identification** techniques that are based on some physical and difficult-to-alienate characteristic, such as appearance...

...speech; bio-dynamics e.g. the manner in which one's signature is written; statistically- **analysed** **voice** characteristics; keystroke dynamics, natural physiography - e.g. skull measurements; teeth and skeletal injuries; thumbprint, fingerprint...?

31/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02267574 86952689

Secure alliances

McIntyre, Jeff

Telephony v241n18 PP: 264 Oct 29, 2001

ISSN: 0040-2656 JRNL CODE: TPH

WORD COUNT: 443

...TEXT: investing in reinvention by spending on security.

Witness the global surge of interest in emerging **biometric** security solutions-automated techniques that verify and identify people by physical and behavioral characteristics such as fingerprint, **voice**, signature and retina **recognition** and secure formatting software. Almost daily, a new application is announced by some as-yet unknown security vendor in areas such as **voice** authentication, wireless face **recognition** and digital signatures. A clear pattern of collaboration is emerging among major high-tech players...

?

35/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02551947 316367401
SIP goes mobile
Bell, Peter
Telecommunications International v37n2 PP: 22-24 Feb 2003
ISSN: 1534-9594 JRNL CODE: TIE
WORD COUNT: 1849

...TEXT: as instant messaging, gaming, or videoconferencing. The protocol supports applications such as caller and callee **identification** and call **authorisation**.

SIP is now being used more and more in the mobile industry to bring services...

35/3,K/2 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05430286 Supplier Number: 48235222 (USE FORMAT 7 FOR FULLTEXT)
Intra-Dragnet Snare Drug Traffickers
Mullich, Joe
PC Week, p035
Jan 19, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 1143

... in Knoxville developed an application called "link analysis" that allows officers to encode information from **phone** taps, such as the **identification** of caller and **callee** and the nature of their relationship. Investigators can analyze thousands of **telephone** calls to reveal two criminals associating with one another; this helps officials connect smaller, apparently...

35/3,K/3 (Item 1 from file: 484)
DIALOG(R) File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.

03127079 (USE FORMAT 7 OR 9 FOR FULLTEXT)
When I call you up and you're not there: Application of communication accommodation theory to telephone answering machine messages
Buzzanell, Patrice M; Burrell, Nancy A; Stafford, R Shane; Berkowitz, Sandra
Western Journal of Communication (IWJC), v60 n4, p310-336, p.27
Fall 1996
ISSN: 1057-0314 JOURNAL CODE: IWJC
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 10387

TEXT:
... contacted a certain party (names, and/or phone numbers, and/or some other form of **identification**), that the party is unable to answer the **phone**, and that callers can leave a message after the signal or "beep"

sound.2 In this way, opening sequence rules still occur, albeit in a slightly modified form from **telephone** scripts, in that the machine answers the call, indicates that the **callee** temporarily is unavailable, and invites callers to provide information. Recorded closings also may exhibit truncated versions of **telephone** conversation scripts.

First time callers to households and to offices may anticipate this basic answering...

?

Set	Items	Description
S1	2744	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	1127	S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSE- S? OR ANAL?)
S3	1	CALLEE
S4	11	CALLED(3N) (PARTY OR PERSON OR INDIVIDUAL)
S5	0	ANSWERING(3N) (PARTY OR PERSON OR INDIVIDUAL)
S6	96	S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR C- ORRESPOND?)
S7	1510	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIF- IER? OR IDENTIFICATION OR IDENTITY)
S8	6	DESTINATION(3N)DEVICE?
S9	0	THIRD()PARTY(3N)DEVICE ?
S10	84	(ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11	0	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT- IFIER
S12	30	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE- AVER J? OR WINTERS S?)
S13	11	S6 AND S7
S14	0	S13 AND S8
S15	0	S13 AND S4
S16	0	S13 AND S10
S17	0	S13 AND S12
S18	4	S13 AND PY=2002:2004
S19	7	S13 NOT S18

3/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01223107 DOCUMENT TYPE: Product

PRODUCT NAME: TestWorks S-TCAT (223107)

Software Research Inc (375039)
1663 Mission St #400
San Francisco, CA 94103 United States
TELEPHONE: (415) 550-3020

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030603

...the system interface errors that are almost always self-evident when a system's caller- **callee** relationships are actually exercised. S1 coverage requires comprehensive tests that tend to remove a high...

...file stores all cumulative test information. Instrumentation also generates call trees that represent the caller- **callee** structure of a program. Call trees aid users in understanding code because they organize and...

...can navigate to its source code. Along with coverage, call trees display subtrees of caller- **callee** dependencies relative to a specific module and generate directed graphs for individual modules for an...
?

19/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

01130109 DOCUMENT TYPE: Product

PRODUCT NAME: Reading & Word Finding Series (130109)

Parrot Software (718416)
PO Box 250755
West Bloomfield, MI 48325 United States
TELEPHONE: (248) 788-3223

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 030206

Parrot Software's Reading & Word Finding Series is a collection of rehabilitation, training, education, and **assessment** programs. The series can be used by adults and children. Reading & Word Finding Series' Auditory and Visual Picture **Recognition** targets neurologically impaired children and adults with short term memory and attention deficits. The program requires learners to make **associations** between printed or spoken words and with related pictures. The application includes 100 color images...

...Series also encompasses the Fill-Ins, Helpful Reader, Mastering Personal Information, Multi-Sensory Words, Picture **Identification**, Reading Comprehension and Picture **Association**, Reading Comprehension for Adults, Reading Comprehension for Adolescents, and Reading Comprehension Spelling and Vocabulary applications...

DESCRIPTORS: E-Learning; Language Skills; Primary School Age; Schools;
Special Education; **Speech** Therapy

19/3,K/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01104671 DOCUMENT TYPE: Product

PRODUCT NAME: WhoIsIt (104671)

QVoice Inc (580899)
13 Kilroy Rd
Newton, NJ 07860 United States
TELEPHONE: (973) 786-6878

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020905

QVoice's WhoIsIt is a server system that **matches** biometric information with passwords, allowing users to protect and access sensitive computer data. WhoIsIt's...

...scanners, or microphones in gathering biometric information. Templates then are forwarded to the server for **verification**. Communication between client and server systems is protected with asymmetric cryptographic algorithms. WhoIsIt's face **recognition** software runs on an 100 Pentium computer that is connected with a video camera. The software **verifies** that it is viewing an actual person, rather than a prerecorded video feed or an...

...lock, parental control lock, and other features. WhoIsIt supports IControl Swipe, Fujitsu, M-Commerce, Secugen, **AuthenTec**, Precise Biometrics, and Identix biometric sensor products. The system is offered in English, Danish, Spanish...

DESCRIPTORS: Biometrics; Building Security; Foreign Language Packages;
Speech Recognition ; User Identity Management

19/3,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00130733 DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics (830213)

TITLE: You Are Your Password: With information theft on the rise...

AUTHOR: Corcoran, Cate T

SOURCE: eCOMPANY Now, v2 n3 p128(2) Apr 2001

ISSN: 1528-9265

HOMEPAGE: <http://www.ecompany.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...many companies want better security systems and find biometrics to be more effective than other **identity** systems. However, biometrics also could turn out to be less expensive than spending thousands of dollars on administration costs. Biometrics scan and **analyze** one-of-a-kind body characteristics, among them 260 points in the iris of the eye or the modulations of an individual's **voice**. The information that is entered when a user attempts access or entry is compared with and must **match** stored samples provided by **authorized** users in the database. Other types of biometric systems are hand-geometry and facial **recognition** systems. Vendors briefly described are Cyber-Sign, Ethentica, EyeDentify, Identix, Iridian Technologies, **Recognition** Systems, T-netix, and Visionics. For instance, Affinity Internet, a Web host, uses Iridian's...

19/3,K/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00120240 DOCUMENT TYPE: Review

PRODUCT NAMES: U.are.U Deluxe Package PLUS PLUS (735591); VoicEntry II (779482); FaceIt (676764); PC Iris (767166)

TITLE: Your Body, Your Passkey
AUTHOR: Van Winkle, William
SOURCE: LAPTOP Buyer's Guide & Handbook, v18 n19 p44(7) Oct 1999
ISSN: 2089-036X
HOMEPAGE: <http://www.bedfordmags.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020930

...FaceIt, and IriScan's PC Iris are biometric security products that use a computer to **recognize** certain unique physical traits in order to allow **authorized** users access to data or other resources. A human being walks up to the device...

...the person, or may even smell the individual. The input obtained by the device is **matched** against a database of those who have been enrolled in the system, or have provided it with their unique characteristics and personal information. Compaq's FingerPrint **Identification** Reader is a device that attaches to the PC or side of a monitor, uses...

...unit built in, includes its own logon software, and runs under Windows 95/98/NT. **Voice recognition** tools such as ViaVoice and NaturallySpeaking can also be trained and used as biometric devices...

19/3,K/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00119563 DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics (830213)

TITLE: Buyer's Guide: Biometrically Speaking
AUTHOR: Avolio, Frederick M
SOURCE: Network Computing, v10 n17 p116(3) Aug 23, 1999
ISSN: 1046-4468
HOMEPAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20011126

A discussion of biometric technology, including finger, hand, and retinal scanning and **voice recognition**, indicates that although the biometric market is only moderately mature, biometric security technology itself is mature and useful. Companies with operations requiring strong user **authentication** should begin testing products. They can obtain useful guidance from the **Association** for Biometrics on the Web and the online buyer's guide linked to this article. Biometric security methods include face **recognition**, finger scanning, finger and hand geometry, iris and retina **recognition**, palm-print **recognition**, **voice recognition**, and signature **recognition**. All the methods work very similarly, beginning when the user registers with a system to capture initial biometric characteristic samples. Users' individual biometric system files are used later for **identification** and **authentication**. For some users,

identification can require that the system compare a new sample with all possible candidates. For computer...

...up the template related to the user name, compares the new sample against it, and **determines** if a **match** is made. Biometric systems generally require additional components on the PC, and integration of biometric user **verification** with installed application can be difficult.

19/3,K/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00119002 DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics (830213)

TITLE: Eye Spy: Body of Evidence: Biometric technology holds the potent...

AUTHOR: Thomas, Sharah

SOURCE: Computer Shopper, v19 n7 p317(1) Jul 1999

ISSN: 0886-0556

HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...of crime is going to be increasingly difficult to do because biometric technology allows for **identity** based on a person's physical measurements, such as a scan of the eyes, instead of a set of arbitrary digits **associated** with the user's name. Typically, users need software and some hardware to protect their PC, so that, e.g., only the user's **voice** will open it. The technology exists today for face, **voice**, and temperature-sensitive fingerprinting **recognition**, and sophisticated signature comparisons. Although criminals are likely to come up with ways to outsmart...

19/3,K/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00115592 DOCUMENT TYPE: Review

PRODUCT NAMES: Cognitel Windows 9x (742937)

TITLE: ID Callers with Versatile, Easy Voice Mail Manager

AUTHOR: Newman, Jeff

SOURCE: Windows Magazine, v10 n4 p46(1) Apr 1999

ISSN: 1060-1066

HOMEPAGE: <http://www.winmag.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20030925

TITLE: ID Callers with Versatile, Easy Voice Mail Manager

Novcom's Cognitel, a robust desktop computer-telephony application, uses **voice recognition** to **identify** callers when Caller ID cannot. Cognitel also permits users to check **voice mail** messages from an e-mail program, as long as Microsoft Outlook or Exchange is used. **Voice** messages show in the inbox, with the caller's name listed as the subject of a message. Users can listen to **voice** messages, convert them to SAV files, and save for review later on. The user has...

...frequent callers. A recording asks callers for their names, and checks the database for a **match**. The name is announced and shown on the PC screen. If the user does not...

...replies with a standard or personal greeting and records the message. Each time callers are **identified**, Cognitel adds new **voice** sample to the database. During testing, users imported an existing Outlook contact list and read off names to create **voice** samples. When the callers' voices were in the database, the **recognition** rate rose above 90 percent. The software uses real **voice** patterns instead of using consonant pronunciations for pattern **recognition**. Messages appeared in Outlook with **voice** message icons, and were easy to retrieve. A full-fledged TAPI-compliant **voice** modem is required, and although only a few are available, including the LT Win Modem...

DESCRIPTORS: Computer Telephony; E-Mail; Exchange; IBM PC & Compatibles;
Telecommunications; Telephone Messages; **Voice** Mail; Windows
?

File 2:INSPEC 1969-2004/Jun W4
 (c) 2004 Institution of Electrical Engineers
 File 6:NTIS 1964-2004/Jun W4
 (c) 2004 NTIS, Intl Cpyrgh All Rights Res
 File 8:Ei Compendex(R) 1970-2004/Jun W4
 (c) 2004 Elsevier Eng. Info. Inc.
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Jun W4
 (c) 2004 Inst for Sci Info
 File 35:Dissertation Abs Online 1861-2004/May
 (c) 2004 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2004/Jul W1
 (c) 2004 BLDSC all rts. reserv.
 File 94:JICST-EPlus 1985-2004/Jun W2
 (c) 2004 Japan Science and Tech Corp(JST)
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jun
 (c) 2004 The HW Wilson Co.
 File 144:Pascal 1973-2004/Jun W4
 (c) 2004 INIST/CNRS
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
 (c) 2003 EBSCO Pub.
 File 239:Mathsci 1940-2004/Aug
 (c) 2004 American Mathematical Society
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 603:Newspaper Abstracts 1984-1988
 (c) 2001 ProQuest Info&Learning
 File 483:Newspaper Abs Daily 1986-2004/Jun 24
 (c) 2004 ProQuest Info&Learning

Set	Items	Description
S1	532183	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	234203	S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSE- S? OR ANAL?)
S3	169	CALLEE
S4	2604	CALLED(3N) (PARTY OR PERSON OR INDIVIDUAL)
S5	92	ANSWERING(3N) (PARTY OR PERSON OR INDIVIDUAL)
S6	46010	S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR C- ORRESPOND?)
S7	1142532	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIF- IER? OR IDENTIFICATION OR IDENTITY)
S8	135	DESTINATION(3N)DEVICE?
S9	0	THIRD()PARTY(3N)DEVICE?
S10	24282	(ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11	2392	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT- IFIER
S12	29050	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE- AVER J? OR WINTERS S?)
S13	11	S2 AND S3
S14	559071	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S15	31453	(COMMUNICATION OR NETWORK? OR TELEPHON?) (3N)DEVICE?
S16	11	S13 AND (S8 OR S14 OR S15)
S17	0	S16 AND PY=2002:2004
S18	9	RD S16 (unique items)
S19	16	(S4 OR S5) AND S10
S20	16	S19 NOT S16

S21 2 S20 AND PY=2002:2004
S22 14 S20 NOT S21
S23 12 RD S22 (unique items)
S24 0 S11 AND S3
S25 3 S11 AND S10
S26 3 S25 NOT (S19 OR S16)
S27 3 RD S26 (unique items)
S28 2 S27 NOT FIXTURE?
S29 0 S28 NOT (HORNEN OR GJUTA)
S30 8775 S7 AND (S8 OR S14 OR S15)
S31 3320 S1 AND S30
S32 31 S31 AND S10
S33 31 S32 NOT (S25 OR S19 OR S16)
S34 1 S33 AND PY=2002:2004
S35 30 S33 NOT S34
S36 22 RD S35 (unique items)
S37 133 S2 AND S12
S38 0 S37 AND S3
S39 1 S37 AND S7
S40 0 S39 NOT JURORS
S41 827 CALLER AND S7
S42 634 S41 AND (S8 OR S14 OR S15)
S43 2 S42 AND (S4 OR S5) AND S10
S44 0 S43 NOT (S32 OR S25 OR S19 OR S16)
S45 8 CALLER AND S3 AND S10
S46 3 S45 NOT (S32 OR S25 OR S19 OR S16)
S47 2 RD S46 (unique items)

18/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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4840290 INSPEC Abstract Number: B9501-6130-050, C9501-6180N-033

Title: The evaluation of trial results for a voice activated telephone intermediary system

Author(s): Kitai, M.; Nishi, H.

Author Affiliation: NTT Human Interface Labs., Kanagawa, Japan

p.133-6

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA viii+164 pp.

ISBN: 0 7803 2074 3

U.S. Copyright Clearance Center Code: 0 7803 2074 3/94/\$4.00

Conference Title: Proceedings of 2nd IEEE Workshop on Interactive Voice Technology for Telecommunications Applications

Conference Sponsor: IEEE Commun. Soc.; IEICE of Japan

Conference Date: 26-27 Sept. 1994 Conference Location: Kyoto, Japan

Language: English

Subfile: B C

Title: The evaluation of trial results for a voice activated telephone intermediary system

Abstract: We developed an experimental voice activated telephone intermediary system in 1993. It is intended to accept the caller's message and to transfer the call to an appropriate number according to the callee's schedule and the callee's setting of services. A caller can use such services by speaking his name, callee's name, confirmation words, his phone number, and his message, in that order, in response to system prompts. An experiment was...

... paper describes the experiment and it's results, and discusses the dialog designs that minimize recognition error and encourage callers to start/continue to use the system.

...Descriptors: speech recognition ;

...Identifiers: voice activated telephone intermediary system...

... recognition error

18/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03508371 INSPEC Abstract Number: D90000141

Title: Voice messaging basics: speaking frankly

Author(s): Rothman, H.H.

Author Affiliation: Associated Comput. Consultants, Bridgeport, CT, USA

Journal: Modern Office Technology vol.34, no.7 p.86, 88-90

Publication Date: July 1989 Country of Publication: USA

CODEN: MOFTDB ISSN: 0026-8208

U.S. Copyright Clearance Center Code: 0026-8208/89/\$1.00+.50

Language: English

Subfile: D

Title: Voice messaging basics: speaking frankly

Abstract: Almost all office technology innovations promise improved productivity. Yet another new technology, voice messaging systems (VMS), combine two older, more familiar ideas-the touch-tone phone and the personal computer. The three applications of VMS are briefly discussed.

These are: 'call-back' where the call-back number is forwarded to the callee's beeper; 'store-and-forward' where the VMS dials the callee at a particular time at a particular phone with the message; and 'message distribution' where a message is sent to several people to ensure that the message has been delivered. Some of the criteria in determining which sort of VMS system is required are mentioned with respect to possible applications.

...Descriptors: voice communication...

...voice mail

...Identifiers: voice messaging systems...

...touch-tone phone ;

18/3,K/3 (Item 1 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

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04484823 E.I. No: EIP96083298881

Title: Automatic telephone operator using speech recognition

Author: Guojun, Zhou; Lieguang, Zeng; Chongxi, Feng

Corporate Source: Tsinghua Univ, Beijing, China

Conference Title: Proceedings of the 1996 International Conference on Communication Technology Proceedings, ICCT'96. Part 1 (of 2)

Conference Location: Beijing, China Conference Date: 19960505-19960507

E.I. Conference No.: 45212

Source: International Conference on Communication Technology Proceedings, ICCT v 1 1996. IEEE, Piscataway, NJ, USA. p 420-423

Publication Year: 1996

CODEN: 002424

Language: English

Title: Automatic telephone operator using speech recognition

Abstract: With the rapid development in telephone communication technology, we have seen the replacement of human telephone operators with automatic operator services in order to increase the speed and efficiency. This paper describes a proposed automatic telephone operator system (we shall call it ATOS hereafter) for private branch exchanges (PBXs) using speech recognition techniques. A PBX is a telephone switching system acting exclusively for an organization as an exchange to connect external calls and...

...is such a system that is able to automate a PBX operator's work by recognizing the callee's name spoken by the caller. Furthermore, it can be used for existing PBXs without...

Descriptors: Automatic telephone exchanges; Speech recognition; Private telephone exchanges; Telephone switching equipment; Telephone sets; Technology; Telecommunication services; Societies and institutions

Identifiers: Automatic telephone operator system; External calls;

Callee name

18/3,K/4 (Item 1 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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03587298 JICST ACCESSION NUMBER: 98A0531460 FILE SEGMENT: JICST-E

Next Generation Human Interface and Interaction. Evaluation of a Computer Telephony System Using an Advanced Call-connection Method

'Pre-negotiation'.

INOUE WATARU (1); NISHI HIROYUKI (1)

(1) Nippon Telegraph & Telephone Corp., Human Interface Lab.

Joho Shori Gakkai Ronbunshi(Transactions of Information Processing Society of Japan), 1998, VOL.39,NO.5, PAGE.1494-1501, FIG.10, TBL.3, REF.14

JOURNAL NUMBER: Z0778AAZ ISSN NO: 0387-5806

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654 621.394/.395 681.51:007.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

Next Generation Human Interface and Interaction. Evaluation of a Computer Telephony System Using an Advanced Call-connection Method

'Pre-negotiation'.

...ABSTRACT: on certain data, i.e., the urgency of the call and whether or not the **callee** available, sent between personal computers(PCs). One purpose of pre-negotiation is to solve the problems of conventional telephony systems. These include the caller not knowing the **callee**'s situation, the caller not being able to notify the **callee** of the purpose of the call in advance, and the **callee** receiving unwanted calls such as crank or tele-marketing calls. Another purpose is to make the connection between the **telephone** network and the computer network seamless, which in turn would make communication using **telephones** and computers more convenient. (author abst.)

DESCRIPTORS: **telephone** ;

BROADER DESCRIPTORS: **voice** communication...

18/3,K/5 (Item 2 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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02228002 JICST ACCESSION NUMBER: 95A0033576 FILE SEGMENT: JICST-E

Study for improving service usage ratio and user operability in a voice activated call answering system.

KITAI MIKIO (1); NISHI HIROYUKI (1)

(1) Nippon Telegraph & Telephone Corp., Human Interface Lab.

Densi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Engineers), 1994, VOL.94,NO.372(SP94 53-62), PAGE.53-58, FIG.6, TBL.4, REF.12

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 621.395 681.3:165

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

Study for improving service usage ratio and user operability in a voice activated call answering system.

ABSTRACT: We developed an experimental **voice** activated call answering system in 1993. It is intended to accept the caller's message and to transfer the call to an appropriate number according to the **callee**'s schedule and the **callee**'s setting of services. A caller can use such services by speaking his name, **callee**'s name, confirmation words, his phone number, and his message, in that order, in response to system prompts. Two experiments were...

...This paper describes two experiments and their results, and discusses the dialog designs that minimize **recognition** error and encourage

callers to start/continue to use the system. (author abst.)
DESCRIPTORS: **telephone** ; ...

... **speech processing**...

... **speech recognition** ; ...

... **voice operated control equipment**
BROADER DESCRIPTORS: **voice communication**...

...**pattern recognition** ; ...

... **recognition** ;

18/3,K/6 (Item 3 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

01756345 JICST ACCESSION NUMBER: 93A0514639 FILE SEGMENT: JICST-E
A Conflict Detection Method for Telecommunication Billing Specification Descriptions.

HARADA YOSHIO (1); TAKAMI KAZUMASA (1); OTA TADASHI (1); TERASHIMA NOBUYOSHI (1)

(1) ATR Communication Systems Res. Labs.

Jojo Shori Gakkai Ronbunshi(Transactions of Information Processing Society of Japan), 1993, VOL.34, NO.5, PAGE.1064-1073, FIG.15, TBL.4, REF.7

JOURNAL NUMBER: Z0778AAZ ISSN NO: 0387-5806

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02.001 621.395

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

A Conflict Detection Method for Telecommunication Billing Specification Descriptions.

ABSTRACT: In telecommunication services there is the free-dial service that charges the **callee** the bill. When this sort of service is added to existing services, we must **analyze** whether the billing specification conflict occurs between additional service and existing services. In this paper, we concentrate on the billing specification conflict problem and propose a billing specification conflict **detection** method. A billing specification description method, with which conditions of billing processing are described as...

...effects of the proposed method is shown from the experiment of a billing specification conflict **detection**. (author abst.)

...DESCRIPTORS: **telephone** ;

...BROADER DESCRIPTORS: **voice communication**

18/3,K/7 (Item 4 from file: 94)

DIALOG(R)File 94:JICST-EPlus
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01701171 JICST ACCESSION NUMBER: 93A0190224 FILE SEGMENT: JICST-E
Special Section on Cryptography and Information Security. Methods to Securely Realize Caller-Authenticated and Callee -Specified Telephone Calls.

ASANO T (1); MATSUMOTO T (1); IMAI H (1)

(1) Yokohama National Univ., Yokohama-shi, JPN
IEICE Trans Fundam Electron Commun Comput Sci(Inst Electron Inf Commun Eng)
, 1993, VOL.E76-A, NO.1, PAGE.88-95, FIG.4, REF.7
JOURNAL NUMBER: F0699CAT ISSN NO: 0916-8508
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02-759 621.391.037.3
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

**Special Section on Cryptography and Information Security. Methods to
Securely Realize Caller-Authenticated and Callee -Specified Telephone
Calls.**

ABSTRACT: This paper presents two methods for securely realizing
caller-authenticated and callee -specified calls over
telecommunication networks with terminals that accept IC cards having
KPS-based cryptographic...

...pen name. Users's privacy is protected even if they do the
caller-authenticated and callee -specified calls and do not pay their
telephone charge in advance. (author abst.)

...DESCRIPTORS: telephone ;

...BROADER DESCRIPTORS: recognition ; ...

... voice communication

18/3,K/8 (Item 5 from file: 94)

DIALOG(R) File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

00672376 JICST ACCESSION NUMBER: 88A0479646 FILE SEGMENT: JICST-E
Callee identification model.

TOUJI RYUTARO (1); YOSHIDA TAKASHI (1)

(1) NTT, Communication and Information Processing Labs.

Densi Joho Tsushin Gakkai Zenkoku Taikai Koen Ronbunshu(Spring National
Convention Record, the Institute of Electronics, Information and
Communication Engineers), 1988, VOL.1988,NO.Pt. D-1, PAGE.14, FIG.2,
TBL.1, REF.1

JOURNAL NUMBER: G0508ADY

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:165

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

Callee identification model.

DESCRIPTORS: speaker recognition ; ...

... telephone ; ...

... voice ;

BROADER DESCRIPTORS: pattern recognition ; ...

... recognition ; ...

... voice communication

18/3,K/9 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)
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05192378

xxx

ITALY - ITALCABLE PREVIEWS THREE CLASSES OF VIDEO TELEPHONY
Computergram International (CGI) 14 July 1992 p1
ISSN: 0268-716X

... fotovideo, videotelephony and videoconferencing. Fotovideo enables the caller simply to see the face of the **callee**, using the ordinary **analogue phone** network. The **analogue** network must be in perfect working condition however, to achieve an acceptable result. Videotelephony gives the caller a colour image moving in real time with the **voice**. It runs over ISDN at 128Kbps. The highest level of video communications - videoconferencing - needs a...
?

23/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5102265 INSPEC Abstract Number: B9512-6210D-019

Title: The allocation of value for jointly provided services

Author(s): Linhart, P.; Radner, R.; Ramakrishnan, K.G.; Steinberg, R.

Author Affiliation: AT&T Bell Labs., Murray Hill, NJ, USA

Journal: Telecommunication Systems - Modeling, Analysis, Design and Management vol.4, no.3-4 p.151-75

Publication Date: Sept. 1995 Country of Publication: Netherlands

CODEN: TESYEV ISSN: 1018-4864

Language: English

Subfile: B

Copyright 1995, IEE

...Abstract: ID service, whereby the telephone number of the calling party is visually displayed to the **called party** during ringing, is now available in some areas of the USA, but it is restricted to calls within a local calling area, and for which the calling and **called party** are customers of the same local telephone company. If Caller ID service is extended nationwide, identification of a long-distance **call** will, in a typical case, require the participation of three companies: the local exchange carrier originating the **call**; the long-distance carrier; and the local exchange carrier **terminating** the **call**. We apply cooperative game theory to address the question of how the revenues from the...

...Identifiers: long-distance **call** ;

23/3,K/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4715806 INSPEC Abstract Number: B9409-6150C-017, C9409-7410F-015

Title: A novel automatic call restriction scheme for control of focused overloads

Author(s): Williams, P.M.

Author Affiliation: BT Labs., Ipswich, UK

p.27/1-10

Publisher: IEE, London, UK

Publication Date: 1994 Country of Publication: UK 376 pp.

Conference Title: IEE Eleventh UK Teletraffic Symposium. Performance Engineering in Telecommunication Networks

Conference Sponsor: IEE

Conference Date: 23-25 March 1994 Conference Location: Cambridge, UK

Language: English

Subfile: B C

Title: A novel automatic call restriction scheme for control of focused overloads

...Abstract: contol scheme described has been designed so that it is automatic in two senses. The **called party** number identifying the resource in overload is automatically identified. The level of **call** restriction performed at nodes remote from the resource is updated dynamically in such a way that the ineffective calling rate at the resource is kept within an **acceptable** limit whilst the occupancy of the resource is kept as high as possible. The author gives a detailed description of the automatic **call** restriction scheme including possible enhancements and methods of implementation, defines two measures of performance for...

Identifiers: automatic call restriction scheme...
... called party number

23/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03810361 INSPEC Abstract Number: B91011529, C91008849
Title: An experimental automatic collect- call service on the Italian PSTN

Author(s): Canavesio, F.; Marion, R.
Author Affiliation: CSELT, Torino, Italy
Conference Title: 13th International Symposium. Human Factors in Telecommunications. Proceedings p.475-6
Publisher: HFT '90, Turin, Italy
Publication Date: 1990 Country of Publication: Italy 2 vol. (xiii+642+54) pp.
Conference Sponsor: ISPT; CSELT; SIP; et al
Conference Date: 10-14 Sept. 1990 Conference Location: Turin, Italy
Language: English
Subfile: B C

Title: An experimental automatic collect- call service on the Italian PSTN

Abstract: The application of an isolated-word, speaker-independent recognition system to a completely automatic collect- call service on the Italian PSTN is presented. This experimental service is described and demonstrated with particular emphasis on the human factors aspects of the man-machine dialogue with the called party. Billing acceptance or call rejection is accomplished by the destination party through direct answers to properly recorded prompt messages. The...

...Identifiers: automatic collect- call service...

23/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

00794666 INSPEC Abstract Number: B75030006
Title: A new electronic telephone accounting system for local telephone calls

Author(s): McDonald, J.C.
Author Affiliation: Vidar Corp., Mountain View, CA, USA
Journal: IEEE Transactions on Communications vol.com-23, no.7 p. 705-14
Publication Date: July 1975 Country of Publication: USA
CODEN: IECMBT ISSN: 0090-6778
Language: English
Subfile: B

...Abstract: equipment is required. This paper describes an electronic local message accounting system to measure local call usage which can be applied to panel, No. 1 crossbar, No. 5 crossbar, and Step-by-Step switching entities. Magnetic tape records for each local call provide: directory number of the calling party, distance to the called party, duration, and time of call termination. This information allows subscriber billing based on many and varied criteria which are established by...

23/3,K/5 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

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1936233 NTIS Accession Number: PB95-980021

General Recommendations on Telephone Switching and Signalling. Functions and Information Flows for Services in the ISDN. Recommendation Q.86. Stage 2 Description for Charging Supplementary Services. Clause 3 - Reverse Charging (REV)

International Telecommunication Union, Geneva (Switzerland). International Telegraph and Telephone Consultative Committee.

Corp. Source Codes: 057051002

cMar 93 46p

Languages: English

Journal Announcement: GRAI9608

Available in paper copy, U.S., Canada, and Mexico sales only. All others refer to: International Telecommunications Union, Place des Nations, 1211 Geneva 20 Switzerland.

NTIS Prices: PC\$38.00

... signalling information flows. The Reverse Charging supplementary service allows: the calling user, on a per call basis, to request that the call be charged to the called party at call set-up time and the calling user has the opportunity to accept or reject these charges; the calling user, on a per call basis, to request that the call be charged to the called party from a time during the active phase of the call and the call party has the opportunity to accept or reject those charges; and the called user, on a per call basis, to request to be charged for the call from a time during the active phase.

23/3,K/6 (Item 1 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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04493853 JICST ACCESSION NUMBER: 00A0159468 FILE SEGMENT: JICST-E

A Trust Management System for Signed Data.

YAMASAKI SHIGEICHIRO (1); ARAKI KEIJIRO (1)

(1) Kyushu Univ.

Joho Shori Gakkai Kenkyu Hokoku, 1999, VOL.99,NO.54(CSEC-6), PAGE.13-18,
FIG.8, REF.14

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02-759 681.3.02+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: verification system for digital signature can output only binary values "success or fail". As the acceptable usage of signed data is limited from the security level of the signature system utilized...

...are (1) the rating of reliability of signed data is evaluated by some trusted third party called "Rating Bureau", (2) information about reliability of signed data is represented by RDF as a meta data which is separated from signed data itself. A program which we call "trust engine" judge the trust level for the signed data with rules and the

meta...

23/3,K/7 (Item 1 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
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00462167 97PW06-031

Internet phones take on Ma Bell -- Sick of paying long-distance charges?
We review nine Internet phones that let you call anyone in the world for
virtually nothing

Bass, Steve; Silvius, Susan; McDonald, Glenn
PC World , June 1, 1997 , v15 n6 p165-178, 8 Page(s)
ISSN: 0737-8939

...Bell -- Sick of paying long-distance charges? We review nine Internet
phones that let you call anyone in the world for virtually nothing

...the fee paid to an ISP. Explains that the problems with these devices
are the **call** quality is well below that of standard telephones, the
person being **called** must be online and using the same software the
caller is using, the software must be installed and configured, and some
troubleshooting will be required to get **acceptable** sound quality.
Includes a sidebar discussing programs that connect a computer to a real
telephone...

23/3,K/8 (Item 1 from file: 239)
DIALOG(R) File 239:Mathsci
(c) 2004 American Mathematical Society. All rts. reserv.

01506930 MR 58##26681
Geschichte der mechanischen Prinzipien und ihrer wichtigsten
Anwendungen.
Wissenschaft und Kultur, 32.
Szabo, Istvan
Publ: Birkhauser Verlag, Basel-Stuttgart,
1977, xv+491 pp.
Language: German
Subfile: MR (Mathematical Reviews) AMS
Abstract.Length: LONG (74 lines)
Reviewer: Aiton, E. J.

...proof of Kepler's second law is only valid for infinitesimal arcs.
Again, although he **accepts** Dijksterhuis' idea that impulse is primitive
for Newton, historians will be surprised to find no...

...force in the Principia by Cohen and Westfall. Neither Koyre nor Drake is
mentioned in **connection** with Galileo, while the two editors of a recent
edition of ``Les nouvelles pensees de Galilee, par Marin Mersenne'' have
become one **person** , **called** P. Costabel-Lerner. In the case of Descartes'
rules of collision and the vis viva...

23/3,K/9 (Item 1 from file: 583)
DIALOG(R) File 583:Galé Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06515306

Belgacom va moderniser ses cabines/
BELGIUM: BELGACOM TO INVEST BFR 1.5BN

L'Echo (EB) 04 Sep 1997 p.12
Language: FRENCH

...coins or a Proton or Belgacom smart card. 5,750 of the future boxes will accept all smart card payments (Proton or the new Telecard by the Belgian telecoms operator), and the remaining 4,250 units will accept smart cards and coins. Today's fleet of 4-5,000 boxes operated with coins...

... will allow the user to have his balance displayed, take advantage of a messaging system, call the last number dialled automatically, or to program the number of the called party . The idea of Belgacom is also to review the geographical installation of its boxes as...

23/3,K/10 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05490842

Media: This is the editor who...didn't hire this man...Is it because this man...wants to buy this team? Roy Greenslade on the strange case of the job that never was

Roy Greenslade,

Guardian, Sec MEDIA, p 4, col 2

Mar 22, 1999

ISSN: 0261-3007 NEWSPAPER CODE: MG

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Benjamin Wegg-Prosser had called the party to mark his departure from his post at the Department of Trade and Industry following ...

...and contacts to check that they would be enjoying his hospitality, he took a phone call from Wapping which was, to say the least, a shock. There are, it seems, no....

...DESCRIPTORS: Terminations

23/3,K/11 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05329736

Analysis: The American right: Give them that old time religion The Republican Party has lost the plot, says Martin Kettle, and shows few signs of returning to the mainstream

Martin Kettle,

Guardian, Sec 1, p 21, col 1

Nov 13, 1998

ISSN: 0261-3007 NEWSPAPER CODE: MG

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: the right's ascendancy. Both its judgment and agenda were found wanting. Mr (William) Kristol called on the party to focus on the president. Newt Gingrich answered the call , shovelling \$10 million

worth of anti-Clinton advertising into battleground districts in the final days...

...stringent and difficult discipline on its would-be leaders. They must defend verities so long **accepted** that they are no longer fully understood. They must routinely explain why certain ideas are...

23/3,K/12 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02955382

Downing Street spurns Sinn Fein call for clarification

Sharrock, David; Bates, Stephen

Guardian, Sec 1, p 24, col 3

Apr 8, 1994

ISSN: 0261-3007 NEWSPAPER CODE: MG

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

Downing Street spurns Sinn Fein call for clarification

ABSTRACT: The British government **rejected** any further clarification of the joint Ireland-UK peace declaration on Northern Ireland for Sinn Fein on Apr 7, 1994 and **called** for the **party** to renounce violence as a means of winning a place at the negotiating table.

?

36/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6972782 INSPEC Abstract Number: B2001-08-6210D-018

Title: Talking call waiting: an application of text-to-speech

Author(s): Bossemeyer, R.; Hardzinski, M.

Author Affiliation: Speech Technol. Appl. Res. Inc., St. Charles, IL, USA

Journal: International Journal of Speech Technology vol.4, no.1 p.

7-17

Publisher: Kluwer Academic Publishers,

Publication Date: March 2001 Country of Publication: Netherlands

CODEN: ISTEPM ISSN: 1381-2416

SICI: 1381-2416(200103)4:1L.7:TCWA;1-J

Material Identity Number: E319-2001-002

U.S. Copyright Clearance Center Code: 1381-2416/2001/\$19.50

Language: English

Subfile: B

Copyright 2001, IEE

Title: Talking call waiting: an application of text-to-speech

Abstract: Call Waiting is a service provided by most telephone companies that alerts a subscriber to an incoming call while he/she is engaged in a prior call. The Talking Call Waiting service at Ameritech enhances Call Waiting by converting Caller ID information into a spoken utterance using text-to-speech technology. A subscriber to Talking Call Waiting hears the name associated with the line that originates a call to them while he/she is on the phone. We designed a set of experiments that enabled us to predict customer acceptance of the product based on three factors: 1) the tolerance of the subscriber for interruption in his/her current conversation; 2) the intelligibility of the text-to-speech synthesis; and 3) the perceived quality of the text-to-speech synthesis. We also designed a process that formats the name data for optimal text-to-speech synthesis and a mechanism to respond to possible customer dissatisfaction with the synthesis of particular names. Our research indicates that intelligibility of names was good, quality of the sound was acceptable, and disruption of the call in progress was tolerable.

...Descriptors: speech synthesis

Identifiers: talking call waiting...

... telephone service...

...customer acceptance ; ...

...text-to-speech synthesis

36/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5614581 INSPEC Abstract Number: C9708-5260S-012

Title: A two stage procedure for phone based speaker verification

Author(s): Olsen, J.O.

Author Affiliation: Center for PersonKommunikation, Aalborg Univ., Denmark

Conference Title: Audio- and Video-Based Biometric Person Authentication. First International Conference, AVBPA'97. Proceedings p.219-26

Editor(s): Bigun, J.; Chollet, G.; Borgefors, G.

Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1997 Country of Publication: Germany xii+450 pp.
ISBN: 3 540 62660 3 Material Identity Number: XX97-00558
Conference Title: Proceedings of First International Conference on Audi
and Video based Biometric Person Authentication (AVBPA)
Conference Date: 12-14 March 1997 Conference Location: Crans-Montana,
Switzerland
Language: English
Subfile: C
Copyright 1997, IEE

Title: A two stage procedure for phone based speaker verification

Abstract: Many approaches to speaker recognition have traditionally been based more or less directly on techniques borrowed from speech recognition , e.g. hidden Markov models. These approaches ignore the fact that the two problems are actually very different. Ideally, speech recognition deals only with linguistic features, whereas speaker recognition deals only with non-linguistic features. It is not, however, possible to separate the two; when a sentence is uttered, the non-linguistic speaker information is observed in connection with the linguistic information. This is why a speech recogniser can be used also as a speaker recogniser . In this paper, a two-stage procedure for speaker verification is presented. In this procedure, speech recognition (segmentation) and speaker verification are carried out separately. In the first stage, hidden Markov models are used for identifying phone segments, and in the second stage, phone -dependent radial basis function networks are used for verifying the claimed speaker identity . Phone modelling is important, because different phones characterise different aspects of a speaker. It is found that phone modelling makes it easier to reject impostors, because successful impostors are usually only successful for specific phones .

...Descriptors: speaker recognition

...Identifiers: phone -based speaker verification ; ...

...speaker recognition ; ...

... speech recognition ; ...

... speech segmentation...

... phone segments...

... phone -dependent radial basis function networks...

...impostor rejection

36/3,K/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5299757 INSPEC Abstract Number: B9608-6210D-002, C9608-7410F-004

Title: An introduction to computer telephony

Author(s): Strathmeyer, C.R.

Journal: IEEE Communications Magazine vol.34, no.5 p.106-11

Publisher: IEEE,

Publication Date: May 1996 Country of Publication: USA

CODEN: ICOMD9 ISSN: 0163-6804

SICI: 0163-6804(199605)34:5L.106:ICT;1-N

Material Identity Number: I318-96005

U.S. Copyright Clearance Center Code: 0163-6804/96/\$05.00

Language: English
Subfile: B C
Copyright 1996, IEE

Abstract: In the simplest terms, computer telephony is the technique of coordinating the actions of telephone and computer systems. This technology has existed in commercial form since the mid-1980s, but it has been exploited only in a few niche markets-particularly in large call centers, where call volumes easily justified the cost of complex custom-built systems. But in the 1990s, several factors have combined to significantly simplify computer-telephone systems and increase the marketplace's interest in computer telephony. International standards for interconnecting telephone and computer systems have been defined, notably the Computer-Supported Telephony Application (CSTA) call modeling and protocol standards from the European Computer Manufacturers Association (ECMA). Mass-market application programming...

... heavily promoted by major market players such as Microsoft and Novell, and are gaining rapid acceptance. Voice processing technologies have advanced steadily, providing advanced features and high port densities at attractive prices. Public networks are offering more and more services that enable computer-telephone applications, such as Calling Line ID. And most important, the world economy is doing business over telephone at an increasing rate, prompting business organizations to look for ways to make this process...

...Descriptors: speech processing

...Identifiers: call modelling standard...

... voice processing technologies...

... call control...

...large call centers...

...computer-telephone systems...

...Calling Line ID

36/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5082575 INSPEC Abstract Number: B9512-6210D-004, C9512-7410F-005
Title: Automatic versus user-controlled methods of briefly interrupting telephone calls
Author(s): Katz, R.B.
Journal: Human Factors vol.37, no.2 p.321-34
Publication Date: June 1995 Country of Publication: USA
CODEN: HUFAA6 ISSN: 0018-7208
U.S. Copyright Clearance Center Code: 0018-7208/95/\$.70+.50
Language: English
Subfile: B C
Copyright 1995, IEE

Title: Automatic versus user-controlled methods of briefly interrupting telephone calls

Abstract: Some future telephone services will require that ongoing calls be interrupted briefly so that one of the parties can receive data transmitted over the voice path. For example, the new service 'Caller ID

on **Call Waiting**' (CIDCW) will allow subscribers who are off-hook and engaged in conversation to receive data indicating the name and **telephone** number of a new caller, but the data transmission will produce a break of approximately...

... form of CIDCW, data would be sent without user control once there is a new **call**, producing an unexpected break in ongoing conversations. In a user-controlled form, users would hear a tone when there is a new **call** and initiate the data transmission by pressing a button. A study was conducted to examine how subjects would react to breaks in their **telephone** conversations and to determine which form of CIDCW was more favorable. Subjects acting as CIDCW...

... of the service, but they preferred the automatic form, which was also rated as more **acceptable** and easier to use. Furthermore, compared with the user-controlled form, automatic CIDCW resulted in...

...approach was found to be the better way to introduce a 1-s break into **telephone** calls.

Identifiers: automatic **telephone** **call** interruption...

...user-controlled **telephone** **call** interruption...

...future **telephone** services...

...Caller ID on **Call Waiting**...

... **telephone** conversation breaks...

... **acceptability** ; ...

...caller **telephone** number

36/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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04339480 INSPEC Abstract Number: B9303-6210D-004

Title: The issues of telecommunication personalization

Author(s): Mizusawa, J.

Author Affiliation: Tokyo Univ., Japan

Journal: Journal of the Institute of Electronics, Information and Communication Engineers vol.75, no.8 p.845-54

Publication Date: Aug. 1992 Country of Publication: Japan

CODEN: D JT GEB ISSN: 0913-5693

Language: Japanese

Subfile: B

Abstract: Personalization of telecommunication aims to realize person-to-person communication, and the **author** describes improvement of telecommunication services such as personalization in **telephone** services, ideas for wide-range telecommunication personalization, its classification, examples of such services and their characteristics. The **author** developed a questionnaire on these services and reviewed user needs, technical problems and social problems. Telecommunication personalization services involve personal **connection** using IC cards, services provided by machines using human interfaces such as **voice** dialing, AI dialing, private calls and BGM service, value-added personal **connection** such as **terminating call** control (customer control) and group communications (electronic mailing service, telecommunication by using personal computers, personal ID application services and media conversion services).

...Identifiers: telephone services...
... voice dialing...
...value-added personal connection ; ...
...personal ID application services

36/3,K/6 (Item 6 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01934092 INSPEC Abstract Number: B82054596
Title: Measurement of recorded 'SIT' signals
Author(s): Della-Rocco, P.T.
Journal: Technical Digest no.65 p.9-12
Publication Date: Jan. 1982 Country of Publication: USA
CODEN: TCHDAV ISSN: 0497-0411
Language: English
Subfile: B

Abstract: Discusses Special Information Tones ('SITs') on magnetic tape that may be used to identify telephone calls that terminate in recorded announcements, heretofore not normally machine distinguishable from live voice answer. A SIT may consist of three precise audio frequency tones each having a different...

... duration. Different SITs are distinguished by categorizing combinations of frequencies and tone durations permitting mechanized call detectors and classifiers to accurately classify calls terminating in recorded announcements.

...Descriptors: telephone equipment
...Identifiers: telephone call identification ; ...
...mechanized call detectors

36/3,K/7 (Item 1 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
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05966923 E.I. No: EIP01536782491
Title: Scalable architecture for VoIP privacy
Author: Medvinsky, A.
Corporate Source: Motorola Broadband Commun. Sector, San Diego, CA 92129, United States
Conference Title: Voice Over IP (VoIP) Technology
Conference Location: Denver, CO, United States Conference Date: 20010821
E.I. Conference No.: 58854
Source: Proceedings of SPIE - The International Society for Optical Engineering v 4522 2001. p 1-12
Publication Year: 2001
CODEN: PSISDG ISSN: 0277-786X
Language: English

Abstract: An access network for Voice over IP (VoIP) clients (e.g. DOCSIS-based HFC network) often provides a privacy service...

...privacy service where each VoIP packet is encrypted at the source and

decrypted at the terminating endpoint. Clearly, public key encryption cannot be applied to each **voice** packet: the performance would be unacceptable regardless of the choice of a public key algorithm...

...negotiate a shared symmetric key. Since VoIP connections are established only for duration of a **phone call**, the end-to-end key negotiation needs to occur during each **call** setup. And it should not noticeably delay the **call** setup phase. In order to provide end-to-end privacy, it is not sufficient to encrypt all messages between the two endpoints. It is important that the two endpoints **authenticate** each other - **validate** each other's **identity**. Without **authentication** an adversary might trick two VoIP clients to negotiate keys with her and then sit...

...conversation and record each VoIP packet, before forwarding it to the intended destination. However, direct **authentication** of the two VoIP endpoints is not always possible in telephony networks - in particular when caller ID blocking services are enabled. To support such anonymity services, it may be sufficient to **authenticate** not the **identity** of the caller but the fact that it is a valid subscriber and that all subsequent signalling and **voice** traffic will be coming from the same source. The PacketCable specifications provide an example of...

Descriptors: Data privacy; Network protocols; Internet; Public key cryptography; Packet networks; Client server computer systems; **Voice** /data communication systems

36/3,K/8 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05694632 E.I. No: EIP00115385856
Title: User validation for mobile telephones
Author: Carey, Michael J.; Auckenthaler, Roland
Corporate Source: Ensigma Ltd, Monmouthshire, Engl
Conference Title: 2000 IEEE International Conference on Acoustics, Speech, and Signal Processing
Conference Location: Istanbul, Turkey Conference Date:
20000605-20000609
E.I. Conference No.: 57489
Source: ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings v 2 2000. IEEE, Piscataway, NJ, USA, 00CB37100. p 1093-1096
Publication Year: 2000
CODEN: IPRODJ **ISSN:** 0736-7791
Language: English

Title: User validation for mobile telephones
Abstract: A combination of text-independent speaker **verification** and user profiling as a new biometric for crime prevention on mobile **telephones** is proposed. The **verification** carried out on the **speech** throughout the **call** hence obviates the need for direct user involvement while providing high impostor **rejection**. Low user **rejection** is achieved by monitoring the pattern of numbers called. While the pattern is substantially unchanged the speaker **verification** threshold is low minimising the level of false **rejections**. The threshold is raised if the calling pattern deviates from the normal. Analysis of a limited number of user **call** records shows that the users tend to **call** a small set of numbers repetitively and that deviation from this pattern are infrequent. Tests of a GMM based speaker **verification** system on an appropriate

database gave an equal error rate of 4% showing that a text independent system can approach the performance of a text dependent system. (Author abstract) 9 Refs.

Descriptors: Speech recognition ; Mobile telecommunication systems; Digital signal processing; Microprocessor chips; Security of data; Speech coding; Random processes

Identifiers: Mobile telephones ; User validation ; Speaker verification ; User profiling; Subscriber information module; Global system for mobile communication; Personal identification number; Impostor rejection

36/3,K/9 (Item 3 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
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04615810 E.I. No: EIP97023517933

Title: Hearing is believing

Author: Cholewka, Kathleen

Source: Data Communications v 26 n 1 Jan 1997. p 105-106

Publication Year: 1997

CODEN: DACODM ISSN: 0363-6399

Language: English

Abstract: Frame relay access devices (FRAD) let net managers save money by shipping voice over frame relay, but the quality suffers. Nuera's FRAD is the choice that handles voice without a drop in sound quality. The eight-slot chassis accepts one-port analog or four-port digital voice / fax cards with a digital signal processor on each card that takes the voice coding. This device optimizes bandwidth while handling faxes, thus allowing return channels to be used for other transmissions. It can also handle multiple voice and data transmission over one data link connection identifier and compress 30 channels from a private telephone exchange, which saves money.

Descriptors: Voice /data communication systems; Data communication equipment; Bandwidth; Private telephone exchanges; Local area networks; Digital signal processing; Vocoder; Communication channels (information theory); Multiplexing; Facsimile

Identifiers: Frame relay access devices (FRAD); Data link connection identifiers (DLCI)

36/3,K/10 (Item 4 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
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04191837 E.I. No: EIP95062752572

Title: Long live the electronic receptionist .

Author: Constable, John

Source: Communications International (London) v 22 n 5 May 1995. 4pp

Publication Year: 1995

CODEN: CINTDZ ISSN: 0305-2109

Language: English

Abstract: Interactive voice technology, now well established in the US, is fast gaining acceptance in Europe as a tool to help streamline operations. In its simplest form, an IVR...

Descriptors: Telecommunication services; Telephone ; Computers; Voice activated input devices; Technology; Cost effectiveness; Efficiency; Speech recognition

Identifiers: Interactive voice response systems; Electronic receptionist; Voice processing systems; Personal identification number; Automatic call distribution; Language recognition systems

36/3,K/11 (Item 5 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
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03758559 E.I. No: EIP93121144157

Title: Comedy in the service of science: Maintaining motivation and attention in exploring call waiting

Author: Paul, Lawrence M.

Corporate Source: AT&T Bell Lab, Whippany, NJ, USA

Conference Title: Proceedings of the 37th Annual Meeting the Human Factors and Ergonomics Society

Conference Location: Seattle, WA, USA Conference Date:
19931011-19931015

E.I. Conference No.: 19548

Source: Designing for Diversity Proceedings of the Human Factors and Ergonomics Society v 1 1993. Publ by Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 438-442

Publication Year: 1993

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Title: Comedy in the service of science: Maintaining motivation and attention in exploring call waiting

Abstract: A hardware incompatibility in a telephone call waiting system with direct effects on the end users required a rapid solution. Designers proposed to address this incompatibility by increasing the tone components of each call waiting pattern. The Human Factors Group reviewed this proposed solution and were concerned that it might lead to unacceptable durations of call interruption, and to discrimination problems in some cases. Experiment 1 was conducted to explore these...

...did find the longest of the lengthened patterns to be somewhat disruptive of the simulated telephone call. However, the disruption caused by the longest pattern may still be marginally acceptable to actual users. A second study explored a different approach to solving the hardware incompatibility. New patterns were generated which maintained the identification levels and suggested the possibility of less call disruption for the longest patterns. Further work is briefly discussed (Author abstract) Refs.

Descriptors: Telephone systems; Pattern recognition systems; Speech communication; Speech synthesis; Computer hardware; Computer software

Identifiers: Telephone call waiting system; Hardware incompatibility; Human factors group; Artificial caller; Call disruption; Distinctive call waiting (DCW) service

36/3,K/12 (Item 6 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
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02678322 E.I. Monthly No: EIM8811-058605

Title: ADAPTIVE LATTICE FILTER FOR DISTINGUISHING MODEM DATA FROM SPEECH .

Author: Davis, Andrew G.; Goodyear, Colin C.

Corporate Source: Univ of Liverpool, Engl

Conference Title: 1987 Saraga Colloquium on Electronic Filters.
Conference Location: London, Engl Conference Date: 19870324
E.I. Conference No.: 11349
Source: IEE Colloquium (Digest) n 1987/35. Publ by IEE, London, Engl p 8.
1-8. 4
Publication Year: 1987
CODEN: DCILDN
Language: English

Title: ADAPTIVE LATTICE FILTER FOR DISTINGUISHING MODEM DATA FROM SPEECH .

Abstract: There is a need for coders which detect the onset of a **modem** signal and either switch the signal to a wideband route or else modify the coding algorithm in such a way as to reduce the distortion of the **speech** band data to **acceptable** levels. This paper discusses such a coder and in **connection** with it the following subjects: spectra of training sequences in which the carrier undergoes repeated phase shifts, **identification** techniques, linear predictive filter, lattice adaptation and coder implementation. 1 ref.

Identifiers: ADAPTIVE LATTICE FILTER; TRAINING SEQUENCES; MODEM RATE; LINEAR PREDICTIVE FILTER

36/3,K/13 (Item 7 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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01072538 E.I. Monthly No: EI8109077858 E.I. Yearly No: EI81090897
Title: CEPSTRAL ANALYSIS TECHNIQUE FOR AUTOMATIC SPEAKER VERIFICATION .
Author: Furui, Sadaoki
Corporate Source: Nippon Telegr & Teleph Public Corp, Tokyo, Jpn
Source: IEEE Transactions on Acoustics, Speech, and Signal Processing v ASSP-29 n 2 Apr 1981 p 254-272
Publication Year: 1981
CODEN: IETABA ISSN: 0096-3518
Language: ENGLISH

Title: CEPSTRAL ANALYSIS TECHNIQUE FOR AUTOMATIC SPEAKER VERIFICATION .
Abstract: New techniques for automatic speaker **verification** using **telephone speech** are described. The operation of the system is fixed, sentence-long **utterance** . Cepstrum coefficients are extracted by means of LPC analysis successively throughout an **utterance** to form time functions, and frequency response distortions introduced by transmission systems are removed. The...

...a new time warping method using a dynamic programming technique. A decision is made to **accept** or **reject** an **identity** claim, based on the overall distance. Reference functions and decision thresholds are updated for each...

...the evaluation of the system, which include male and female utterances recorded over a conventional **telephone connection** . Male utterances processed by ADPCM and LPC coding systems were used together with unprocessed utterances...

Descriptors: SPEECH --*...

...Analysis; TELEPHONE
Identifiers: TELEPHONE SPEECH

36/3,K/14 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

03131604 JICST ACCESSION NUMBER: 97A0152145 FILE SEGMENT: JICST-E
Simple reception refusal circuit in ISDN line.

MAEBA YUKIO (1)

(1) Toshiba Corp.

Toshiba Gijutsu Kokaishu, 1997, VOL.15,NO.3, PAGE.19-20, FIG.1

JOURNAL NUMBER: L0795AAJ ISSN NO: 0288-2701

UNIVERSAL DECIMAL CLASSIFICATION: 621.395

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: This device memorizes a caller ID of a troublesome call by using dispatcher information (caller ID) of ISDN line so that this device can reject those calls from the next time, and also it enable the person who answer a call to select incoming call by previously registered ID .This device also can prevent the troublesome calls or repeated incoming calls by a wrong...

DESCRIPTORS: telephone ; ...

... call loss...

... identification ;

BROADER DESCRIPTORS: voice communication...

... recognition ;

36/3,K/15 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

00561495 JICST ACCESSION NUMBER: 88A0167634 FILE SEGMENT: JICST-E
An investigation on telephone services applying I-interfaces.

TAKEUCHI KOUICHI (1); SAKAI YOUICHI (1); KAWANOBE TADASHI (1); KOIKE HIDEYUKI (2)

(1) NTT, Communication and Information Processing Labs.; (2) NTT Kenkyugijutsukaihatsuhonbu

Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Engineers), 1987, VOL.87,NO.260, PAGE.1-6(SE87-121), FIG.1, TBL.2, REF.1

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 621.395

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

An investigation on telephone services applying I-interfaces.

ABSTRACT: By supporting an I-interface, a digital telephone set will furnish with these three functions: 1) calling party ID aquisition, 2) multiple media communication, 3) co-operative multiple call control. The functions can make telephone answering / relaying operations more powerful and more flexible at the terminal side. This report also...

...The techniques are as follows : a) sound-figure complexed human interfaces which can inform realtime call status and can accept direct menu selection. b) call control algorithms which can reduce physical / mental stress charged to the operator.(author abst.)
...DESCRIPTORS: telephone ;
...BROADER DESCRIPTORS: voice communication

36/3,K/16 (Item 1 from file: 95)
DIALOG(R) File 95:TEME-Technology & Management
(c) 2004 FIZ TECHNIK. All rts. reserv.

00859273 E95024210007
Field trial of a speaker verification service for caller identity verification in the telephone network
(Feldversuch fuer einen Sprechererkennungsdienst zur Identitaetsverifizierung des rufenden Teilnehmers im Fernsprechnetz)
Naik, J
NYNEX Sci. and Technol., White Plains, USA
IVTTA 94, 2nd IEEE Workshop on Interactive Voice Technol. for Telecommunications Applications, Kyoto, J, Sep 26-27, 1994
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 0-7803-2074-3

Field trial of a speaker verification service for caller identity verification in the telephone network

ABSTRACT:

A field trial of a network-integrated Speaker Verification System was performed in the NYNEX Public Switched Telephone Network in 1993-94. Speaker verification was performed on all calling-card calls placed by NYNEX customers who took part in this trial. Subsequently, a comprehensive impostor field-trial was performed. A variety of phones , channel conditions and caller/calling environments were represented in this large field-trial. The results show that this system performed very well under these real-world conditions. A valid user rejection rate of 1 %, which is operationally very desirable, produced an equally low dedicated impostor acceptance of 3.9 %. User surveys showed high user preference of this type of service. This...

DESCRIPTORS: FIELD TEST; SPEAKER IDENTIFICATION ; AUTOMATIC SPEECH RECOGNITION ; TELEPHONE NETWORKS; TELEPHONE SUBSCRIBERS; SPEECH PROCESSING; CALL PROCESSING

36/3,K/17 (Item 2 from file: 95)
DIALOG(R) File 95:TEME-Technology & Management
(c) 2004 FIZ TECHNIK. All rts. reserv.

00667403 I93021905928
Titel japanisch
(Die Kernpunkte der Telekommunikations-Personifizierung)
(The issues of telecommunication personalization)
Mizusawa, J
Tokyo Univ., Japan
Journal of the Institute of Electronics, Information and Communication Engineers, v75, n8, pp845-854, 1992
Document type: journal article Language: Japanese
Record type: Abstract
ISSN: 0913-5693

ABSTRACT:

Personalization of telecommunication aims to realize person-to-person communication, and the **author** describes improvement of telecommunication services such as personalization in **telephone** services, ideas for wide-range telecommunication personalization, its classification, examples of such services and their characteristics. The **author** developed a questionnaire on these services and reviewed user needs, technical problems and social problems. Telecommunication personalization services involve personal **connection** using IC cards, services provided by machines using human interfaces such as **voice** dialing, AI dialing, private calls and BGM service, value-added personal **connection** such as **terminating call control** (customer control) and group communications (electronic mailing service, telecommunication by using personal computers, personal **ID** application services and media conversion services).

DESCRIPTORS: **TELEPHONE SERVICE; COMMUNICATION NETWORKS; INFORMATION TRANSMISSION; COMPUTER INTERFACES; TELEPHONE ENGINEERING; IDENTIFICATION ; PCN...**

IDENTIFIERS: **TELECOMMUNICATION PERSONALIZATION; PERSON TO PERSON COMMUNICATION; USER NEEDS; TECHNICAL PROBLEMS; SOCIAL PROBLEMS; IC CARDS; VOICE DIALING; AI DIALING; PRIVATE CALLS; BGM SERVICE; VALUE ADDED PERSONAL CONNECTION ; GROUP COMMUNICATIONS; ELECTRONIC MAILING SERVICE; PERSONAL ID APPLICATION SERVICES; MEDIA CONVERSION SERVICES;**

Kommunikation; Personifizierung

36/3,K/18 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2004 INIST/CNRS. All rts. reserv.

12621301 PASCAL No.: 96-0313631

Integrating voice and data over frame relay

BALL D

Memotec Communications, Inc, Unknown

Journal: **Telecommunications (International Edition)**, 1995, 29 (12) 3p

Language: English

Integrating voice and data over frame relay

For the past few years, frame relay has gained in **acceptance** as a wide area network (WAN) strategy to support integrated network-to-network transmission requirements...

English Descriptors: Frame relay switches; Public networks; Digital speech interpolation; **Voice** compression; Network congestion; Routing; **Voice** traffic; Very small aperture terminal; Data link **connection identifiers**; Digital mesh network; Reviews; Data communication equipment; Switches; Telecommunication traffic; Information technology; Wide area networks; Network protocols; Pulse code modulation; Data compression; Telecommunication networks; Congestion control (communication); Long distance **telephone** systems; Cost effectiveness; **Voice /data** communication systems

36/3,K/19 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00543042 99WN08-016

Modem /answerer does it all; Olitec Total Office Deluxe Smart Memory Modem

Newman, Jeff
Windows Magazine , August 1, 1999 , v10 n8 p62, 1 Page(s)
ISSN: 1060-1066
Company Name: Olitec
Product Name: Olitec Total Office Deluxe Smart Memory Modem

Modem /answerer does it all; Olitec Total Office Deluxe Smart Memory Modem

Product Name: Olitec Total Office Deluxe Smart Memory Modem

Presents a very favorable review of the Olitec Total Office Deluxe Smart Memory Modem (\$179.95), a combination modem, digital answering machine, and speakerphone from Olitec (800). Runs with IBM PC compatibles with Windows 3.x, 95, or 98. States that the Olitec Modem serves as a communication center for messages, it can operate with a PC or standalone, and it features voicemail and fax functionality, as well as remote-access capabilities. Explains that in standard PC mode, the user...

... its 16-character LCD and external buttons. Notes that the answering machine flashes the Caller ID number on the PC monitor and offers the option of accepting the call or putting it into voicemail. However, says that it supports only one voicemail box. Awards the Olitec Modem the WINDOWS Magazine WinList seal. Includes one photo and a product summary.

Descriptors: Modem ; Voice Mail ; Telephony; Telecommunications; Messaging; Facsimile ; Peripherals

Identifiers: Olitec Total Office Deluxe Smart Memory Modem ; Olitec

36/3,K/20 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06001149

New telephone services
SINGAPORE: ST INTRODUCED NEW SERVICES
Computerworld SEA (XCK) 03 Jun 1994 P.1
Language: ENGLISH

New telephone services

Singapore Telecom (ST) has introduced three new telephone services. They are: 1. Caller-ID : displays the telephone number of the calling party 2. Collect Call Screen : prevents overseas collect calls from reaching a customer's telephone line 3. Fone Mail : accepts voice messages from callers when the telephone line is busy or when there is no reply. *...

PRODUCT: Telephone Communications

36/3,K/21 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05664242
CoachCall gets the message out Service contacts all on team
Parker, Penny
Denver Post, Sec A, p 27, col 5
Aug 6, 1999
NEWSPAPER CODE: DP
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: CoachCall is a new automatic **phone** -calling service that will send the same message to all players and personnel on a...

...list. A coach signs up for the service, which costs \$24.95 for six different **phone** -call messages, or \$36.95 for 12 calls. The coach gives CoachCall a list of everyone on the **call** list and their **telephone** numbers. The system also will **accept** additional numbers for each person on the **call** list in case there's no answer at the primary **phone** number. CoachCall gives the coach a personal **identification** number. To send a broadcast message, the coach calls 1-800-795-5570 and follows the **voice** instructions. The coach records a personal message, which is sent to each person on the **call** list.

...DESCRIPTORS: **Voice** messaging systems

36/3,K/22 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05224869

New call -block service is latest weapon against telemarketers

Rosenbush, Steve

USA TODAY, Sec A, p 1, col 3

Sep 23, 1998

ISSN: 0734-7456 NEWSPAPER CODE: US

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

New call -block service is latest weapon against telemarketers

ABSTRACT: Telecommunications giant Ameritech Corp. Tuesday unveiled Privacy Manager, a service that lets customers automatically **reject** unwanted calls -- for a fee. "Customers are screaming for it," Ameritech CEO Richard Notebaert said...

...customers to take back their free time by gaining choice and control over every incoming **call** ." The service intercepts calls that can't be traced with Caller ID , then has an electronic **voice** ask the caller to state his or her name. If the caller refuses, the system automatically hangs up. If the caller complies, the network dials the customer, who can **accept** or **reject** the **call** .

...DESCRIPTORS: **Telephone** service
?

47/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4986592 INSPEC Abstract Number: C9508-6150C-007

Title: StackThreads: an abstract machine for scheduling fine-grain threads on stock CPUs

Author(s): Taura, K.; Matsuoka, S.; Yonezawa, A.

Author Affiliation: Tokyo Univ., Japan

p.121-36

Editor(s): Ito, T.; Yonezawa, A.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1995 Country of Publication: West Germany viii+483

pp.

ISBN: 3 540 59172 9

Conference Title: Theory and Practice of Parallel Programming.
International Workshop TPPP'94

Conference Date: 7-9 Nov. 1994 Conference Location: Sendai, Japan

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: of our abstract machine StackThreads. In the proposed scheme, an asynchronous procedure invocation (a procedure **call** attached with a thread creation) is performed in less than 10 additional RISC instructions to normal procedure calls in traditional sequential languages such as C, as long as the thread **terminates** without blocking. StackThreads unifies asynchronous and synchronous procedure calls, deriving a synchronous **call** by a combination of an asynchronous **call** + explicit synchronization between the **caller** and the **callee**. Therefore, each thread does not have to have its own stack for intra-thread procedure...

47/3,K/2 (Item 1 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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01619318 JICST ACCESSION NUMBER: 92A0763353 FILE SEGMENT: JICST-E

Discussion and an approach of personal telecommunication services from a point of view as a user. Discussion about adjustment of connect-contention between a callee and a caller in call -screening and protection of personal privacy.

TAKAHASHI YOSHIHIKO (1)

(1) Yamato System Development Co.,Ltd.

Densi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Engineers), 1992, VOL.92,NO.213(RCS92 55-68), PAGE.37-44, FIG.7, REF.4

JOURNAL NUMBER: S0532BBG

UNIVERSAL DECIMAL CLASSIFICATION: 621.396.73

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

...a point of view as a user. Discussion about adjustment of connect-contention between a callee and a caller in call -screening and protection of personal privacy.

ABSTRACT: This paper discuss about adjustment of connect-contention between a callee and caller in call -screening service and protection of a personal privacy, by pointing out some subjects to be...

...or functions to be provided for practical personal telecommunication services. For discussion about adjustment in **call** -screening, this paper made a **call - connection -or- rejection** model in which a **callee**'s connecting intention was prioritized primarily. Using the model, this paper discuss about how to save a **caller**'s connecting intention secondarily. At last, functional image of ideal telephone-terminals for personal telecommunication...

?

File 348:EUROPEAN PATENTS 1978-2004/Jun W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040701,UT=20040624

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	72622	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	18581	S1(3N) (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSES? OR ANAL?)
S3	503	CALLEE
S4	6542	CALLED(3N) (PARTY OR PERSON OR INDIVIDUAL)
S5	494	ANSWERING(3N) (PARTY OR PERSON OR INDIVIDUAL)
S6	1472	S2(3N) (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR CO- RRESPOND?)
S7	205789	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) (3N) (ID OR IDENTIFI- ER? OR IDENTIFICATION OR IDENTITY)
S8	3684	DESTINATION(3N) DEVICE?
S9	529	THIRD() PARTY(3N) DEVICE?
S10	12867	(ACCEPT? OR REJECT? OR TERMINAT?) (3N) (CALL OR CONNECTION)
S11	4245	VID OR VOICE() IDENTIFIER? OR RVID OR REVERSE() VOICE() IDENT- IFIER??
S12	849	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE- AVER J? OR WINTERS S?)
S13	198993	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14	63951	(COMMUNICATION OR NETWORK? OR TELEPHON?) (3N) DEVICE?
S15	25618	IC=H04M?
S16	6	S3(S)S2
S17	4	S16(S) (S8 OR S13 OR S14)
S18	0	S12 AND S3
S19	11	S12 AND S2
S20	2	S19 AND S15
S21	2	S20 NOT S16
S22	2	S16 NOT (S17 OR S19)
S23	2	S3(S)S7(S) (S4 OR S5) (S)S10
S24	2	S23 NOT (S16 OR S17 OR S19)

17/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01438161

Authentication token and authentication system
Authentifizierungswertmarke und Authentifizierungssystem
Jeton d'authentification et système d'autentification

PATENT ASSIGNEE:

Nippon Telegraph and Telephone Corporation, (2460174), 3-1, Otemachi
2-chome, Chiyoda-ku, Tokyo 100-8116, (JP), (Applicant designated
States: all)

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, Musashino-shi, Tokyo 180-8585, (JP)

LEGAL REPRESENTATIVE:

Patentanwalte Wenzel & Kalkoff (100766), Grubesallee 26, 22143 Hamburg,
(DE)

PATENT (CC, No, Kind, Date): EP 1223560 A2 020717 (Basic)

APPLICATION (CC, No, Date): EP 2001250162 010512;

PRIORITY (CC, No, Date): JP 20015002 010112; JP 20014998 010112; JP
20015033 010112; JP 2001103058 010402; JP 2001103066 010402; JP
2001104331 010403

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07C-009/00

ABSTRACT WORD COUNT: 105

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200229	8694
SPEC A	(English)	200229	26109
Total word count - document A			34803

Total word count - document B 0
Total word count - documents A + B 34803

...SPECIFICATION terminal device 501, the base station calls the callee on the basis of the callee **telephone** number contained in the received radio signal, and when the **telephone** of the callee responds, connects the portable terminal **device** 501 to the **telephone** of the callee through a channel. Voice from the **telephone** of the callee is received by the antenna 512 as a radio signal and demodulated...

...the radio transmission/reception unit 513, and the demodulated voice data is converted into an **analog voice** signal by the voice output unit 519 and output from the speaker of the voice...

17/3,K/2 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00495042 **Image available**
SYSTEM AND METHOD FOR SELF-ANNOUNCING A CALLER OF AN INCOMING TELEPHONE CALL

SYSTEME ET PROCEDE D'ANNONCE AUTOMATIQUE DE L'APPELANT D'UN APPEL TELEPHONIQUE ENTRANT

Patent Applicant/Assignee:
ADVANCED MICRO DEVICES INC,

Inventor(s):

BORLAND David J,
Patent and Priority Information (Country, Number, Date):

Patent: WO 9926394 A1 19990527

Application: WO 98US10177 19980518 (PCT/WO US9810177)

Priority Application: US 97969652 19971113

Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10636

Fulltext Availability:

Detailed Description

Detailed Description

... incoming telephone call to the telephone users

In order to identify the callee of the **telephone** call, the **telephone** system, after answering the **telephone** call, inquires the caller for the identity of the callee. For example, the **telephone** announces the list of possible callees and ask the caller to enter a numeric code corresponding to the callee of the **telephone** call. A callee may also be identified using **voice recognition** techniques. After answering a call, the **telephone**, using a prerecorded message, asks the caller to say the name of the **callee**. The **telephone** voice-processes the received voice signals in order to determine the identity of the **callee**. The **telephone** then generates a distinctive ring corresponding to the identified **callee** that identifies the **callee** to the **telephone** users

In an embodiment where multiple telephones are connected on the same telephone line, one...Identification unit 410 prompts the caller to provide information on the callee, preferably by using **voice recognition** or the keypad

In one embodiment. identification unit 410 prompts the caller to enter a

...you are trying to reach."

Caller: "Adam."

ID unit: "Please wait."

Identification unit 400 performs **voice recognition** on the caller's reply to identify the **callee**. The results of the **voice recognition** are compared with the **callee** information contained in the database to more accurately determine the identity of the **callee**. Upon determining the identity of the **callee**, **callee** identification logic unit 400 sends the appropriate distinctive ring signal to distinctive ringer 430. The distinctive ring signal alerts the appropriate **callee** that the incoming call is intended for him/her. In one embodiment, if the caller does not provide input to the **callee** identification logic unit 400, the **telephone** system generates a generic ring signal

10

The flowchart of Fig. 6 describes a method...name of the name of the callee of the incoming telephone call

In that case, **voice recognition** is performed on the name to determine the identity of the **callee**. The results of the **voice recognition** are compared to stored voices of the names of all the users of **telephone** system. After the caller is identified in step 540, a distinctive ring signal is generated corresponding to the identified **callee**. The distinctive ring signal provides an immediate indication of which person in the household is...

...is useful, for example, in situations where multiple roommates in a household are sharing one **telephone** line. A distinctive ring signal identifies a particular **callee** and prevents the others from answering the **phone**. Similarly, such a feature would be useful in household with teenage children that receive many **telephone** calls. By having a distinctive ring signal, the parents could recognize calls that are intended for them and **telephone** calls that are intended for their children

In an embodiment where multiple telephones are connected...identifies the caller of the incoming telephone call. The telephone system uses caller ID information, **voice recognition**, or prompt the caller for a numeric code in order to determine the identity of...

17/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00382335 **Image available**

HYBRID PACKET-SWITCHED AND CIRCUIT-SWITCHED TELEPHONY SYSTEM
SYSTEME TELEPHONIQUE HYBRIDE A COMMUTATION DE PAQUETS ET DE CIRCUITS

Patent Applicant/Assignee:

MCI COMMUNICATIONS CORPORATION,

Inventor(s):

HUANG Lisheng,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9723078 A1 19970626

Application: WO 96US19546 19961212 (PCT/WO US9619546)

Priority Application: US 95575433 19951220

Designated States: CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Publication Language: English

Fulltext Word Count: 5578

Fulltext Availability:
Detailed Description

Detailed Description

... originating GC, which starts billing and sets up the in-band routing for both digitized **voice** data and **analog voice** transmission. (12) At this stage, either the **callee** or the caller may initiate the conversation. If initiated by the **CEllee**, the **callee**'s **telephone** sends the voice greeting to the terminating GC. (13) The terminating GC either receives is digitized voice data in a bit stream from the terminating LEC or digitizes the **analog voice**, and may also perform the additional functions previously described, and then sends the digitized...

17/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00367123 **Image available**

GENERAL PURPOSE, PROGRAMMABLE MEDIA PROCESSOR
PROCESSEUR POUR MEDIA PROGRAMMABLE ET UNIVERSEL

Patent Applicant/Assignee:

MICROUNITY SYSTEMS ENGINEERING INC,
HANSEN Craig,
MOUSSOURIS John,

Inventor(s):

HANSEN Craig,
MOUSSOURIS John,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9707450 A1 19970227

Application: WO 96US13047 19960816 (PCT/WO US9613047)

Priority Application: US 95516036 19950816

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 116769

Fulltext Availability:

Detailed Description

Detailed Description

... typical media data streams is presented in the media spectrum 64 shown in FIG. 3. **Voice** and music transmissions are centered at frequencies of approximately 64 kilobits per second and one...gives highest priority to removable/replaceable read-only storage devices, then removable/replaceable read-write devices, then network interfaces, then non-removable storage devices.

Cerberus Registers

Cerberus registers are internal read/onIV and...

?

21/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01136634

Web-based platform for interactive voice response (IVR)

Web-basiertes interaktives Sprachantwortsystem

Menu interactif a reponse vocale base sur le web

PATENT ASSIGNEE:

**LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,
 New Jersey 07974-0636, (US), (Applicant designated States: all)**

INVENTOR:

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Schmult, Brian Carl, 4 East St., Doylestown, PA 18901, (US)

Tuckey, Curtis Duane, 1217 W. Arthur Street, Cook, Chicago, IL 60626, (US)

LEGAL REPRESENTATIVE:

**Watts, Christopher Malcolm Kelway, Dr. et al (37392), Lucent Technologies
 (UK) Ltd, 5 Mornington Road, Woodford Green Essex IG8 OTU, (GB)**

PATENT (CC, No, Kind, Date): EP 992980 A2 000412 (Basic)

EP 992980 A3 010523

APPLICATION (CC, No, Date): EP 99307658 990928;

PRIORITY (CC, No, Date): US 168405 981006

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G10L-015/26; H04M-003/493 ; H04M-007/00

ABSTRACT WORD COUNT: 183

NOTE:

 Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200015	597
SPEC A	(English)	200015	8070
Total word count - document A			8667
Total word count - document B			0
Total word count - documents A + B			8667

INVENTOR:

Brown, Michael Kenneth ...

...**INTERNATIONAL PATENT CLASS: H04M-003/493 ...**

...**H04M-007/00**

...**ABSTRACT** Internet or other type of network includes a speech synthesizer, a grammar generator and a **speech recognizer**. The **speech synthesizer** generates speech which characterizes the structure and content of a web page retrieved over...

...from the retrieved web page to produce a grammar. The grammar is supplied to the **speech recognizer** and used to interpret voice commands and other speech input generated by the user. The platform may also include a **voice processor** which **determines** which of a number of predefined models best characterized a given retrieved page, such that...

...an appropriate verbal description of the page is considerably simplified. The speech synthesizer, grammar generator, **speech recognizer** and other elements of the IVR platform may be operated by a

Internet Service Provider...

...SPECIFICATION invention is an IVR platform which includes a speech synthesizer, a grammar generator and a **speech recognizer**. The **speech synthesizer** generates speech which characterizes the structure and content of a web page retrieved over...

...the retrieved web page to produce a grammar. The grammar is then supplied to the **speech recognizer** and used to interpret voice commands generated by the user. The grammar may also be...

...speech synthesizer to create phonetic information, such that similar phonemes are used in both the **speech recognizer** and the **speech synthesizer**. In appropriate applications, such as name dialing directories and other applications having grammars with...

...description.

In accordance with another aspect of the invention, the speech synthesizer, grammar generator and **speech recognizer**, as well as other elements of the IVR platform, may be used to implement a...

...page may also include one or more hyperlinks that are to be utilized when the **speech recognizer** rejects a given spoken user input as unrecognizable.

An IVR platform in accordance with the...other web page information received from the HTML parser 112 to produce one or more **speech recognition** grammars which are delivered to a **speech recognizer** 122. The **speech recognizer** 122 receives **speech** input generated by the audio interface device 108, and utilizes the grammar produced by grammar generator 120 to **recognize** words in the **speech**. Appropriate indicators of the recognized words are then supplied to the spoken command interpreter 124...

...interconnected computers as well as other arrangements of suitable processing devices.

The TTS synthesizer 116, **speech recognizer** 122, spoken command interpreter 124, DTMF decoder 126, processor 130 and memory 132, as well ...or may be true tabulations. The page analysis process implemented in HTML parser 112 and **voice** processor 114 **determines** which is most likely and generates descriptions accordingly. True tabulations are described as tables. Tables...

...used to obtain menu choices.

The grammar generator 120 in IVR platform 102 automatically generates **speech recognition** grammar and vocabulary from the HTML of a retrieved web page. This is an important...

...grammar is compiled into an optimized finite-state network. This network is loaded into the **speech recognizer** 122 to constrain the possible sequences of words that can be recognized. Other types of...of phonetic transcriptions in symbolic form. The same phonemes may be used in both the **speech recognizer** 122 and the TTS synthesizer 116. The symbolic phonetic descriptions, once loaded into the recognizer...

...thus "barging in." Echo cancellation may be used to remove TTS synthesizer output from the **speech recognition** input so that **speech recognition** will be unaffected by the TTS output. When the user speaks for a sufficiently long period, the TTS output may be interrupted, such that **speech recognition** can be more effectively performed, and the **speech recognizer** output is interpreted into an IVR platform command.

As part of the grammar generation process...possible subset of the title words. The resulting GSL is compiled and optimized for the **speech recognizer** 122. In addition, the vocabulary words used in the grammar are phonetically transcribed using the...

...in, for example, M.K. Brown and J.G. Wilpon, "A Grammar Compiler for Connected **Speech Recognition**," IEEE Transactions on Signal Processing, Vol. 39, No. 1, pp. 17-28, January 1991, which created from hyperlink titles, making the grammar inefficient for **speech recognition**. In accordance with the invention, this inefficiency may be reduced in four stages of code...

...state-minimal description of the grammar, but is not necessarily the most efficient representation for **speech recognition**. The third stage of optimization removes all RHS grammar rule redundancy. This operation does not...

...tables keyed on the spoken phrases. This is typically a "many-to-many" mapping from **speech recognizer** output text to computer commands or URLs. If more than one URL and/or command...from the user. In addition, there may be other hyperlinks that are taken when the **speech recognizer** rejects an **utterance** as unrecognizable. Using these basic building blocks, a dialog system can be constructed.

As a...

...A third default link might be taken when the utterance is not understood since the **speech recognizer** can be configured to return a token to indicate non-recognition. For each of the...

...CLAIMS a portion of at least one grammar; and utilizing the at least one grammar to **recognize speech input**.
2. The method of claim 1 further including the step of determining which of...

...at least one of the speech output generating step, the grammar producing step and the **speech recognising** step.
14. The apparatus of claim 12 or claim 13 further including a parser which...

...means for carrying out the speech output generating step, the grammar producing step and the **speech recognising** step are elements of an interactive voice response system associated with a service provider.

16...

21/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01076231 **Image available**
METHOD AND SYSTEM FOR IMPLEMENTING A TELEPHONY SERVICES USING VOICE XML
PROCEDE ET SYSTEME PERMETTANT DE METTRE EN OEUVRE DES SERVICES DE
TELEPHONIE A L'AIDE DU XML VOCAL

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY
10504, US, US (Residence), US (Nationality)
IBM DEUTSCHLAND GMBH, Pascalstrasse 100, 70569 Stuttgart, DE, DE
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Inventor(s):

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WINTERS Scott L, 8000 High Hollow Cove, Austin, TX 78750, US

Legal Representative:

DUSCHER Reinhard (agent), IBM Deutschland GmbH, Intellectual Property,
70548 Stuttgart, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2003107642 A1 20031224 (WO 03107642)

Application: WO 2003EP5609 20030528 (PCT/WO EP0305609)

Priority Application: US 2002172264 20020614

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4353

Inventor(s):

... **WINTERS Scott L**

Main International Patent Class: H04M-003/493

International Patent Class: H04M-007/00

Fulltext Availability:

Detailed Description

Detailed Description

... configured to support those call control and TCAP
functions. The voice interface 140 can provide **speech
recognition** as well as text-to-speech (TTS) functions.

Accordingly, speech received via the telecommunications trunk...

...140 of the media gateway 105.

Thus, the service processors 115 can access TTS and **speech
recognition** functions for implementing the telephony service
as specified by the parsed VXML script. For example, text and
recognized speech can be used to populate fields of a VXML
script, form, and/or document.

Notably...

?

22/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01000380 **Image available**

A METHOD FOR PROVIDING HYBRID VOICE AND PACKET DATA SERVICES TO A MOBILE STATION

PROCEDE POUR FOURNIR A UNE STATION MOBILE DES SERVICES HYBRIDES DE DONNEES VOCALES ET PAR PAQUET

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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KOHLI Pardeep, 8621 High Meadows Drive, Plano, TX 75025, US, US (Residence), US (Nationality), (Designated only for: US)

BETRABET Arvind, 304 Shady Timbers Lane, Murphy, TX 75094, US, US (Residence), IN (Nationality), (Designated only for: US)

MADHAVAPEDDY Seshagiri, 2521 Big Horn Lane, Richardson, TX 75080, US, US (Residence), IN (Nationality), (Designated only for: US)

Legal Representative:

CHEN Howard (et al) (agent), Haynes & Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200330420 A1 20030410 (WO 0330420)

Application: WO 2002US24952 20020807 (PCT/WO US0224952)

Priority Application: US 2001934987 20010822

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4706

Fulltext Availability:

Detailed Description

Detailed Description

... example of Hot Call Handling where the mobile decides to accept the incoming call. The **voice** call gets **detected** by the WSS 200 which initiates a data session from the application to the **callee** 202. Once the data session is established, the application server 206 informs the **callee** 202 (through the WMG, not shown) that a call is coming in and sends the **callee** 202 a menu (through the WMG, not shown) to choose from on how to handle the call. In this example, the **callee** 202 selects to take the call and then the call is connected from the caller 204 to the **callee** 202 (through the WMG, not shown).

Referring again to Fig. 1, the mobile cellular user...

22/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00375299 **Image available**

MULTISITE RADIO SYSTEM WITH FALSE MOBILE RADIO SIGNALLING DETECTION
SYSTEME RADIO MULTISITE AVEC DETECTION DE SIGNALISATION DE RADIOTELPHONE
MOBILE ERRORE

Patent Applicant/Assignee:

ERICSSON INC,

Inventor(s):

COOPER Gerald M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9716042 A2 19970501

Application: WO 96US17181 19961024 (PCT/WO US9617181)

Priority Application: US 95548828 19951026

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI
GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7018

Fulltext Availability:

Detailed Description

Detailed Description

... working" RF channels. The working channels are used to carry actual communications traffic, e.g., analog FBI, digitized voice, digital data, etc. The RF control channel is used to carry digital control signals between...message temporarily assigns the available working channel for use by the requesting transceiver and other callee transceivers specified by the channel request message. The channel assignment message automatically directs the requesting (calling) transceiver and callee transceivers to the available RF working channel for a communications exchange. The control channel is...

?

24/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00790975 **Image available**

**SYSTEM AND METHOD FOR INTERCONNECTING PORTABLE INFORMATION DEVICES (PDAS)
THROUGH A DAA TELEPHONY SYSTEM**

**SYSTEME ET PROCEDE PERMETTANT D'INTERCONNECTER DES DISPOSITIFS
D'INFORMATION PORTABLES (PDAS) PAR L'INTERMEDIAIRE D'UN SYSTEME DE
TELECOMMUNICATION AVEC DISPOSITIF D'ACCES AU RESEAU**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200124503 A1 20010405 (WO 0124503)
Application: WO 2000US26650 20000927 (PCT/WO US0026650)
Priority Application: US 99406152 19990927

Parent Application/Grant:

Related by Continuation to: US 99406152 19990927 (CON)

Designated States: CA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15137

Fulltext Availability:

Claims

Claim

... a SIP proxy server acting as end-user location discovery agent, and a SIP UAS accepting the call . A successful SIP invitation consists of two requests: INVITE followed by ACK. The INVITE message contains a user identifier to identify the callee , a caller user identifier to identify the caller, and a session description that informs the called party what type of media the caller can accept and where it wishes the media data to be sent. User identifiers in SIP requests are known as SIP addresses. SIP addresses are referred to as SEP...

...14

Redirect servers process an INVITE message by sending back the SIP-LJRL where the callee is reachable. Proxy servers perform application layer routing of the SIP requests and responses. A...network telephones 208a-b and 218a in the system 200 preferably have pre-programmed device identifiers (e.g. phone numbers), represented as SIP-URL's that are of

the form sip...

24/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00790970 **Image available**

SYSTEM AND METHOD FOR ESTABLISHING A CONFERENCE CALL ON A DATA NETWORK

TELEPHONY SYSTEM USING A PORTABLE INFORMATION DEVICE

SYSTEME ET PROCEDE D'ETABLISSEMENT D'UNE CONFERENCE TELEPHONIQUE SUR UN

SYSTEME DE TELEPHONE DE RESEAU DE DONNEES, A L'AIDE D'UN DISPOSITIF
D'INFORMATION PORTATIF

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

THYMIAN Marcus J (agent), McDonnell Boehnen Hulbert & Berghoff, 300 South
Wacker Drive, 32nd Floor, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200124498 A1 20010405 (WO 0124498)

Application: WO 2000US41020 20000927 (PCT/WO US0041020)

Priority Application: US 99406128 19990927

Designated States: CA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 15913

Fulltext Availability:

Detailed Description

Detailed Description
... a SIP proxy server acting as end-user location discovery agent, and a SIP UAS accepting the call . A successful SIP invitation consists of two requests: INVITE followed by ACK. The INVITE message contains a user identifier to identify the callee , a caller user identifier to identify the caller, and a session description that informs the called party what type of media the caller can accept and where it wishes the media data to be sent. User identifiers in SIP requests are known as SIP addresses. SIP addresses are referred to as SIP...

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File 344:Chinese Patents Abs Aug 1985-2004/May
 (c) 2004 European Patent Office
 File 347:JAPIO Nov 1976-2004/Feb(Updated 040607)
 (c) 2004 JPO & JAPIO
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200442
 (c) 2004 Thomson Derwent

Set	Items	Description
S1	152552	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	79913	S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSE- S? OR ANAL?)
S3	907	CALLEE
S4	6817	CALLED(3N) (PARTY OR PERSON OR INDIVIDUAL)
S5	275	ANSWERING(3N) (PARTY OR PERSON OR INDIVIDUAL)
S6	19800	S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR C- ORRESPOND?)
S7	187131	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIF- IER? OR IDENTIFICATION OR IDENTITY)
S8	3102	DESTINATION(3N) DEVICE?
S9	0	THIRD() PARTY(3N) DEVICE?
S10	26862	(ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11	523	VID OR VOICE() IDENTIFIER? OR RVID OR REVERSE() VOICE() IDENT- IFIER
S12	1632	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE- AVER J? OR WINTERS S?)
S13	599639	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14	100519	(COMMUNICATION OR NETWORK? OR TELEPHON?) (3N) DEVICE?
S15	269280	IC=H04M?
S16	144	S3 AND S2
S17	23	S16 AND (S7 OR S11)
S18	2	S17 AND S10
S19	13	S12 AND S3
S20	13	S19 AND (S8 OR S13 OR S14)
S21	12	S20 NOT S18
S22	12	S21 AND AD=20011212:20040708/PR
S23	0	S21 NOT S22
S24	5	S16 AND (S4 OR S5)
S25	4	S24 NOT (S18 OR S20)
S26	0	S25 AND AD=20011212:20040708/PR
S27	4	S25 NOT S26
S28	16	S22 OR S25
S29	12	S28 AND S15
S30	1	S3 AND S11
S31	0	S30 NOT (S29 OR S18 OR S20)
S32	33	S6 AND S3
S33	32	S32 AND (S8 OR S13 OR S14)
S34	29	S33 AND S15
S35	24	S34 NOT (S29 OR S18 OR S20)
S36	1	S35 AND AD=20011212:20040708/PR
S37	23	S35 NOT S36
S38	23	IDPAT (sorted in duplicate/non-duplicate order)
S39	23	IDPAT (primary/non-duplicate records only)

18/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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05422160 **Image available**
ID IDENTIFICATION TERMINAL

PUB. NO.: 09-036960 [JP 9036960 A]
PUBLISHED: February 07, 1997 (19970207)
INVENTOR(s): YAMADA TOMOHIRO
SUGIMURA TOSHIAKI
TAKAHASHI ISAMU
SUZUKI AKIRA
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-188793 [JP 95188793]
FILED: July 25, 1995 (19950725)

ID IDENTIFICATION TERMINAL
...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

... method for response by enabling the estimation of a caller before speaking by changing the call terminating operation of a call terminating terminal corresponding to a caller ID .

...

...SOLUTION: A terminal operation coped with the case when incoming call from a specified caller ID occurs is previously stored in an operation recorder 21 by a callee II. When there is an incoming call , at the terminal, the caller ID sent from a telephone network 13 is detected by a caller ID extracting device 19. When the detected ID matches the stored ID , it is reported to the callee II by the terminal operation stored corresponding to the caller ID while using a call incoming display device 16 able to execute plural incoming call display operations. Based on the call terminating operation at the call incoming terminal, the callee II estimates the caller, decides a responding method among such as immediately responding to it

18/3,K/2 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015573434 **Image available**
WPI Acc No: 2003-635591/200360
XRPX Acc No: N03-505554

Callee identification method for telecommunication systems, involves identifying callee identity from voice utterance of callee at destination device and transmitting callee identity to origin device

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W; MCINTYRE J H; PAOLINI M A; WEAVER J M; WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030108159	A1	20030612	US 200115280	A	20011212	200360 B

Priority Applications (No Type Date): US 200115280 A 20011212
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20030108159 A1 15 H04M-001/64

Callee identification method for telecommunication systems, involves identifying callee identity from voice utterance of callee at destination device and transmitting callee identity to origin device

Abstract (Basic):

... The method involves identifying a callee identity on detecting a voice utterance of the callee at a destination device (44). The callee identity is transmitted as authenticated identity to origin device (40) of caller, who may decide to open communication with callee or terminate call. The caller may preselect a preferred callee, where the call continues only if caller identity matches preferred callee.

... An INDEPENDENT CLAIM is also included for a computer program product for identifying a particular callee.

...

...Used for callee identification in telecommunication systems...

...The callee identification is performed without requiring use of intermediary network resources. The voice samples of callees are stored in the address book of the destination device. The destination device may access a third party server to aid in callee identity authentication.

...The drawing shows a block diagram of the flow of a voice identifier authenticated by a destination device which callee identification method is implemented

Title Terms: IDENTIFY ;

?

29/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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04393978 **Image available**

AUTOMATIC DIAL TELEPHONE SYSTEM BY DIRECTLY ASSISTANCE

PUB. NO.: 06-037878 [JP 6037878 A]

PUBLISHED: February 10, 1994 (19940210)

INVENTOR(s): YONEDA HIROHIKO

APPLICANT(s): KYOCERA CORP [358923] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 04-208520 [JP 92208520]

FILED: July 13, 1992 (19920713)

JOURNAL: Section: E, Section No. 1549, Vol. 18, No. 260, Pg. 35, May
18, 1994 (19940518)

INTL CLASS: H04M-001/27 ; H04M-001/56

...JAPIO KEYWORD: Speech Recognition & Synthesis); R131 (INFORMATION
PROCESSING

ABSTRACT

...To provide an automatic dial telephone system which automatically places a telephone call to a **called party** based on a telephone number notified from a directly assistance board in a synthetic **voice**.

...

... performs automatic dialing to the directly assistance board by depressing the key, a means which **recognizes** and extracts a **callee** number notified in the synthetic **voice** from the directory assistance board by a **speech recognition** device 7 and a pattern **recognition** device 8, a means which stores the number in number memory 9, and a means which performs the automatic dialing to the **callee** number stored in the number memory 9 are provided. The automatic dialing is performed to...

... corresponding opposite number is stored in the number memory 9 by a notice in the **voice**, and on-hook is automatically performed, then, an operation is completed. Furthermore, the automatic dialing

29/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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03312952 **Image available**

TELEPHONE SET

PUB. NO.: 02-288452 [JP 2288452 A]

PUBLISHED: November 28, 1990 (19901128)

INVENTOR(s): NAKANO MASAYOSHI

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 01-110211 [JP 89110211]

FILED: April 27, 1989 (19890427)

JOURNAL: Section: E, Section No. 1033, Vol. 15, No. 62, Pg. 140,
February 14, 1991 (19910214)

INTL CLASS: H04M-001/272 ; H04M-001/60

ABSTRACT

PURPOSE: To attain the talking with a **callee** itself at a visiting destination by storing a telephone number of a contact place in...

...a dial signal to a line when the on-state of an external switch is **detected** so as to allow automatic dialing to the contact place even when a visitor comes during the absence of the **callee** .

...

... number stored in advance to apply automatic dialing. Moreover, the dial controller 13 throws a **voice** changeover switch 12 to the position of an external unit 20 simultaneously. When the opposite party replies in such a state, the user can talk with a **called party** leaving its home and resident in a place for a telephone set with the telephone...

... speaker 21 and an external microphone 22. Thus, a visitor visiting the home of the **callee** uses a telephone set from an outdoor place to call the **called party** at the visiting place for talking.

29/3,K/3 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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016157074 **Image available**

WPI Acc No: 2004-314961/200429

Related WPI Acc No: 2003-635592

XRPX Acc No: N04-250913

Telephony services specifying method, involves brokering connection between origin device and external server performing caller identity authentication service, specifying caller services based on authenticated identity profile

Patent Assignee: BROWN M W (BROW-I); MCINTYRE J H (MCIN-I); PAOLINI M A (PAOL-I); WEAVER J M (WEAV-I); WINTERS S L (WINT-I)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ; WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040066916	A1	20040408	US 200115281	A	20011212	200429 B
			US 2003645959	A	20030822	

Priority Applications (No Type Date): US 200115281 A 20011212; US 2003645959 A 20030822

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20040066916 A1 16 H04M-001/64 Div ex application US 200115281

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... The method involves detecting a call initiation condition from

an origin device at a trusted telephone network. The network brokers a connection between the device and an external server enabled to...

... a) a system for specifying telephone services...

...b) a computer program product for specifying telephone services...

...c) a method for informing a callee of a caller identity...

...d) a system for informing a callee of a caller identity...

...Used for specifying telephone services for a particular caller...

...information within the network. The method can specify services available to a caller at any telephony device rather than just those devices for which the caller is a subscriber...

... Telephony device (8a

Title Terms: TELEPHONE ;

International Patent Class (Main): H04M-001/64

International Patent Class (Additional): H04M-003/42

29/3,K/4 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016123664 **Image available**

WPI Acc No: 2004-281540/200426

Related WPI Acc No: 2003-597642

XRPX Acc No: N04-223188

Telephone service specifying method for public switching telephone network, involves receiving callee identity authenticated by origin device, and specifying selection of services based on callee profile

Patent Assignee: BROWN M W (BROW-I); MEINTYRE J H (MEIN-I); PAOLINI M A (PAOL-I); WEAVER J M (WEAV-I); WINTERS S L (WINT-I)

Inventor: BROWN M W ; MEINTYRE J H ; PAOLINI M A ; WEAVER J M ; WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040052337	A1	20040318	US 200115267	A	20011212	200426 B
			US 2003617066	A	20030710	

Priority Applications (No Type Date): US 200115267 A 20011212; US 2003617066 A 20030710

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20040052337 A1 15 H04M-001/64 Div ex application US 200115267

Telephone service specifying method for public switching telephone network, involves receiving callee identity authenticated by origin device, and specifying selection of services based on callee profile

Inventor: BROWN M W ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... The method involves receiving an authenticated **callee** identify for a **callee** answering a call at an intermediary device, where identify is authenticated by an origin device. A **callee** profile is retrieved for the authenticated **callee** identity. A selection of services is specified from among a set of services that are offered for the call according to the **callee** profile.

... a) a system for specifying **telephone** services for a particular **callee**

...

...b) a computer program product for specifying **telephone** services for a particular **callee**.

...

...Used for specifying a **telephone** service for a particular **callee** in a public switching **telephone** network...

...The method performs **callee** identity authentication without requiring use of intermediary **network** resources. The origin **device** maintains an address book of voice samples of callees at the origin device, thereby avoiding confusion about the **callee** identity

Title Terms: **TELEPHONE** ;

International Patent Class (Main): **H04M-001/64**

International Patent Class (Additional): **H04M-003/42**

29/3,K/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015715749 **Image available**

WPI Acc No: 2003-777949/200373

XRPX Acc No: N03-623450

Call regulation method for telecommunication network, involves regulating communication channel between caller and callee , according to criteria in application server which is connected external to telecommunication network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;

WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030156695	A1	20030821	US 200281017	A	20020221	200373 B

Priority Applications (No Type Date): US 200281017 A 20020221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030156695	A1	26	H04M-003/00	

Call regulation method for telecommunication network, involves regulating communication channel between caller and callee , according to criteria in application server which is connected external to telecommunication network

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... Identities of a caller and a **callee** logged into receive a call are determined. The communication channel between the caller and the **callee**, is regulated according to the selected criteria in any one of application server (22,24,26,28) connected external to the telecommunication network such as public switching **telephone** network (PSTN) (10) which is accessed by a network (20).

... For telecommunication networks used to provide **telephone** services, wireless services and cellular service...

... improved telecommunication network with improved call party identification, by regulating communication channel between caller and **callee** based on selected criteria...

International Patent Class (Main): H04M-003/00

29/3,K/6 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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015597517 **Image available**

WPI Acc No: 2003-659672/200362

XRPX Acc No: N03-525962

Call party identification method in telecommunication system, involves detecting voice authenticated identifier for incoming calling party, to filter context comprising identities of caller and callee for current call

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030112949	A1	20030619	US 200123409	A	20011217	200362 B

Priority Applications (No Type Date): US 200123409 A 20011217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030112949 A1 24 H04M-003/42

... voice authenticated identifier for incoming calling party, to filter context comprising identities of caller and callee for current call

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WINTERS S L

Abstract (Basic):

... A context comprising caller and **callee** identities, their respective device identities and locations, is identified for a current call. A voice...

... For use in telecommunication system to identify call party in public switching **telephone** network (PSTN), using internet, intranet and private network...

International Patent Class (Main): H04M-003/42

29/3,K/7 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015597510 **Image available**

WPI Acc No: 2003-659665/200362

XRPX Acc No: N03-525955

Call context identifying method in telephone services, involves identifying call context from context clues, such that called/ callee party is enabled to receive call context

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;

WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030112941	A1	20030619	US 200122160	A	20011217	200362 B

Priority Applications (No Type Date): US 200122160 A 20011217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030112941 A1 26 H04M-003/00

Call context identifying method in telephone services, involves identifying call context from context clues, such that called/ callee party is enabled to receive call context

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... for the call is identified from the context clues, such that the called or the callee party is enabled to receive the context of the call. The context for call includes identity of caller/ callee , device, owner and billing plan for the call.

... For identifying context for call in telephone services including cellular and other wireless services through public switching telephone network (PSTN), wireless network and private network...

...By authenticating the actual identity of the caller or callee , rather than identification of the called device, enhanced specialization of services is performed to subscribers...

...Title Terms: TELEPHONE ;

International Patent Class (Main): H04M-003/00

29/3,K/8 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015583305 **Image available**

WPI Acc No: 2003-645462/200361

XRPX Acc No: N03-513538

Billing method for telephone service, involves distributing charge for telephone service among caller billing plan and callee billing plan,

so that both caller and callee pay for received telephone service

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;

WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030114142	A1	20030619	US 200123404	A	20011217	200361 B

Priority Applications (No Type Date): US 200123404 A 20011217

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030114142	A1	19	H04M-001/00	

Billing method for telephone service, involves distributing charge for telephone service among caller billing plan and callee billing plan, so that both caller and callee pay for received telephone service

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... A caller billing plan of a caller (40) and a callee billing plan of a callee (44), are identified and loaded according to authenticated identity of the caller and callee, in response to call request. Charge for telephone service including long distance service, collect calling service and wireless telephone service, is distributed among the plans, so that both caller and callee pay for the telephone service.

... 2) computer program product for billing for telephone service
...

...For billing for telephone service...

...Enables to distribute cost of long distance service among the caller and the callee efficiently...

... callee (44

...Title Terms: TELEPHONE ;

International Patent Class (Main): H04M-001/00

29/3,K/9 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015583296 **Image available**

WPI Acc No: 2003-645453/200361

XRPX Acc No: N03-513531

Identification data fraudulent prediction method for credit card authentication applications, involves analyzing content comprising caller/ callee identity, to specify suspicion level of fraudulent use of identification data

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;

WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030112942	A1	20030619	US 200122165	A	20011217	200361 B

Priority Applications (No Type Date): US 200122165 A 20011217

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030112942	A1	24	H04M-003/00	

Identification data fraudulent prediction method for credit card authentication applications, involves analyzing content comprising caller/ callee identity, to specify suspicion level of fraudulent use of identification data

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

The content comprising a caller/ callee identity, location, service requested for access, is detected from a content inference service (51) executing within a trusted telephone network. The content is analyzed at a fraud protection service (55) for identifying the caller...
... applications e.g. for in-store purchase, for accessing web-based service, web merchant purchase, telephone purchase, using network e.g. Internet, intranet...

...Prevents the misuse of identification data by authenticating the identity of the caller and the callee . Protects the usage of credit card account by performing voice authentication, signature authentication, credit card...

International Patent Class (Main): H04M-003/00

29/3,K/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015583295 **Image available**

WPI Acc No: 2003-645452/200361

XRPX Acc No: N03-513530

Telephone service billing method involves authenticating identity of callee , when profile comprising line subscriber billing plan for destination number is loaded and accordingly accessing billing plan to callee

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;

WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030112935	A1	20030619	US 200123407	A	20011217	200361 B

Priority Applications (No Type Date): US 200123407 A 20011217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20030112935 A1 23 H04M-015/00

Telephone service billing method involves authenticating identity of callee , when profile comprising line subscriber billing plan for destination number is loaded and accordingly accessing billing plan to callee

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... destination line number, is loaded based on a reception of a call processing request from callee . The identity of callee is authenticated and the billing plan corresponding to the callee is accessed for charging.

... 1) telephone service billing system...

... 2) computer program product for telephone service billing...

... 3) callee specified telephone service method...

... 4) callee specified telephone servicing system...

... 5) computer program product for callee specified telephone service

...

... 6) telephone service control method...

...For telephone service billing in public switching telephone network (PSTN), wireless networks and private networks...

...The callee utilizing the wireless telephone line device will be billed for the minutes utilized and for the service provided, rather than billing the wireless telephone line subscriber for those minutes utilized by callee , thus multiple people may utilize a single wireless device and bill for use is separated...

...The figure shows a flowchart explaining the telephone service billing process...

Title Terms: TELEPHONE ;

International Patent Class (Main): H04M-015/00

29/3,K/11 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015535493 **Image available**

WPI Acc No: 2003-597643/200356

XRPX Acc No: N03-476340

Callee identifying method, involves identifying callee associated with voice utterance at server, such that callee identity is transmitted as authenticated identity of callee for one call

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;
WINTERS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030108161	A1	20030612	US 200115282	A	20011212	200356 B

Priority Applications (No Type Date): US 200115282 A 20011212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030108161	A1	18	H04M-001/64	

Callee identifying method, involves identifying callee associated with voice utterance at server, such that callee identity is transmitted as authenticated identity of callee for one call

Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... The method involves receiving a voice utterance through a channel for a callee at a server external to a trusted telephone network that is processing a call to the callee . The callee associated with the voice utterance at the server is then identified, such that the callee identity is transmitted as an authenticated identity of the callee for a call.

... 1) a system for identifying a particular callee .

(...

... 2) a computer program product for externally identifying a particular callee

(...

... 3) a method for specifying telephone services for a particular callee

(...

... 4) a system for specifying telephone services for a particular callee

(...

... 5) a computer program product for specifying telephone services for a particular callee

(...

... 6) a method for informing a caller of a callee identity...

... 7) a system for informing a caller of a callee identity...

... 8) a computer program product for informing a caller of a callee identity...

...Used for identifying a particular callee .

...

...a calling party with the identity of the person answering a call e.g. the **callee**. The method also specifies the services available to the **callee** at any **telephony device** according to the identity of the **callee**.

...

...The drawing shows a block diagram of a network environment in which the **callee** identifying method is incorporated
International Patent Class (Main): H04M-001/64

29/3,K/12 (Item 10 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015535492 **Image available**
WPI Acc No: 2003-597642/200356
Related WPI Acc No: 2004-281540
XRPX Acc No: N03-476339

Callee identifying method, involves identifying caller associated with voice utterance at origin device such that his identity is transmittable as authenticated identity
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;
WINTERS S L

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030108158	A1	20030612	US 200115267	A	20011212	200356 B

Priority Applications (No Type Date): US 200115267 A 20011212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030108158	A1	16		H04M-001/64	

Callee identifying method, involves identifying caller associated with voice utterance at origin device such that his...
Inventor: BROWN M W ...

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):

... The method involves detecting a voice utterance of a **callee** from a **destination device**, at an origin device. A **callee** identity associated with a voice utterance is identified such that the identity is transmittable as...

... a) a system for identifying a particular **callee**
(...

...b) a computer program product for identifying a particular **callee**
(...

...c) a method for specifying **telephone** services for a particular **callee**

(...

...d) a system for specifying telephone services for a particular callee

(...

...e) a computer program product for specifying telephone services for a particular callee .

...

...party may decide whether to speak to the person answering the call or not. The callee identity authentication is performed without requiring use of intermediary network resources...

...The drawing shows a block diagram of a network environment in which the callee identifying method may be implemented

International Patent Class (Main): H04M-001/64

?

39/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015384705 **Image available**

WPI Acc No: 2003-445648/200342

Voice recognition telephone exchange system and voice
recognition telephone exchange method using the same

Patent Assignee: COMPUTER SOLUTION TECHNOLOGY CO LTD (COMP-N); CS
TECHNOLOGY CO LTD (CSTE-N)

Inventor: KIM W J; PARK S C

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002092549	A	20021212	KR 200131212	A	20010604	200342 B
KR 396817	B	20030902	KR 200131212	A	20010604	200412

Priority Applications (No Type Date): KR 200131212 A 20010604

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2002092549 A 1 H04M-011/00

KR 396817 B H04M-011/00 Previous Publ. patent KR 2002092549

Voice recognition telephone exchange system and voice
recognition telephone exchange method using the same

Abstract (Basic):

... A voice recognition telephone exchange system and a voice
recognition telephone exchange method using the same are provided
to increase the use convenience of a caller by adopting an exchange
method by voice recognition .

... A reference voice for voice recognition is inputted(S110).
A reception-side telephone number is inputted(S115). An automatic
response voice by the reception-side telephone number is
transmitted to a caller(S120). The caller inputs a desired
reception-side exchange number as a voice (S125). It is judged whether
the inputted voice is recognized by a voice recognition
board(S130). If the voice recognition is normally performed, A
PSTN(Public Switched Telephone Network) number, an IP number, or a
mobile phone number corresponding to the reference voice is
retrieved(S150). It is confirmed whether a number corresponding to
the reference voice exists(S155). If the number corresponding to
the reference voice exists, it is judged whether the corresponding
number is an extension number(S160). If the corresponding number is
the extension number, the caller connects to a callee of the
corresponding extension number to perform a call(S165). If the
corresponding number is not the extension number, it is judged whether
the corresponding number is an IP number(S170). If the corresponding
number is the IP number, the caller connects to the callee of the
corresponding IP number to perform the call(S175). If the
corresponding number is not the IP number, it is judged whether the
corresponding number is a PSTN number(S180). If the corresponding
number is the PSTN number, the caller connects to the callee of the
corresponding PSTN number to perform the call(S185). If the
corresponding number is not the PSTN number, the caller connects to
the callee of a corresponding mobile phone number to perform the
call(S190...).

Title Terms: VOICE ;

International Patent Class (Main): H04M-011/00

39/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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015000304 **Image available**
WPI Acc No: 2003-060819/200306

XRPX Acc No: N03-047012

Session initiation protocol routing using voice cookies e.g. for intelligent call routing in internet telephony systems, involves establishing SIP between calling and called points and SIP server receiving SIP INVITE request

Patent Assignee: ALCATEL (COGE); ALCATEL ALSTHOM CIE GEN ELECTRICITE (COGE); WENGROVITZ M (WENG-I)

Inventor: WENGROVITZ M

Number of Countries: 029 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1248439	A2	20021009	EP 2002400024	A	20020402	200306 B
US 20020147818	A1	20021010	US 2001281885	P	20010404	200306
			US 200116338	A	20011205	
JP 2003022223	A	20030124	JP 200299939	A	20020402	200318
CN 1417989	A	20030514	CN 2002126600	A	20020404	200355

Priority Applications (No Type Date): US 200116338 A 20011205; US 2001281885 P 20010404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1248439 A2 E 15 H04L-029/06

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20020147818 A1 B32B-009/00 Provisional application US 2001281885

JP 2003022223 A 42 G06F-013/00

CN 1417989 A H04L-029/06

Session initiation protocol routing using voice cookies e.g. for intelligent call routing in internet telephony systems, involves establishing SIP between...

Abstract (Basic):

... SIP INVITE request and responds by transmitting to the calling end point a HTML link associated with a web server. The contents of the HTML link, the calling end point transmits an HTTP request to the web server including voice cookie information. The voice cookie information includes information gathered about the caller profile information, transition information, caller intent information, or recent and past history associated with a web site domain.

... Allows more intelligent determination of callee , address when only using standard routing information...

...Title Terms: VOICE ;

...International Patent Class (Additional): H04M-003/00 ...

... H04M-003/42 ...

... H04M-011/00

39/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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011761923 **Image available**

WPI Acc No: 1998-178833/199816

XRPX Acc No: N98-141538

Caller ID method incorporating Internet address - providing Internet address to customer premises during first and second rings of call for incorporation in voice mail etc

Patent Assignee: US WEST INC (USWU-N)

Inventor: SRINIVASAN T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5724412	A	19980303	US 96727161	A	19961007	199816 B

Priority Applications (No Type Date): US 96727161 A 19961007

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5724412	A	15	H04M-011/00	

... Internet address to customer premises during first and second rings of call for incorporation in voice mail etc

...Abstract (Basic): The method for providing to a callee an Internet identification of a telephony caller involves storing Internet identification data items corresponding to Internet users and providing it for use in Internet communication with the corresponding Internet user. A call is received at a telephony central office and the caller's phone number is determined. A request from the central office is submitted to the stored Internet ID data items...

...caller. The request includes information related to either the name of the caller or his phone number. The ID information is received at the central office and transmitted to the caller to a telephone for the callee during a ringing of the telephone. The caller's Internet ID is presented to the callee either audible or visually when the callee accesses the telephone.

...

...ADVANTAGE - Allows Internet address to be incorporated into voice mail or other caller ID information for later use

...Title Terms: VOICE ;

International Patent Class (Main): H04M-011/00

39/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009509939

WPI Acc No: 1993-203475/199325

XRPX Acc No: N93-156509

Interception of phone calls deemed to be important - defining given criteria e.g. via key-pad for incoming messages, which are intercepted during called user's absence, or while receiving other call etc

Patent Assignee: ANONYMOUS (ANON)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 349085	A	19930510	RD 93349085	A	19930420	199325 B

Priority Applications (No Type Date): RD 93349085 A 19930420

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
RD 349085 A 1 H04M-000/00

Interception of phone calls deemed to be important...

...Abstract (Basic): The method involves configuring message content with **voice** prints or content by a string specification specified by **voice** or keypad. After configuration is complete, a user's receiving **telephone** connection can establish a successful connect, when a caller calls during the caller's absence...

...device may also provide information of who the caller is and/or which criteria was **matched**. The **callee** can then invoke a function for immediately establishing the **phone** call with the caller in process of leaving a message. When a **callee** **recognises** that a caller may be leaving a message on the **phone** message service, the **callee** can immediately depress the required key(s) for automatically connecting the **phone** call. Alternatively **voice** controlled call interception may be used...

...USE/ADVANTAGE - E.g. for user who returns to **telephone** while message is being dictated to answering machine, or if message arrives while answering another...

...Title Terms: **TELEPHONE** ;

International Patent Class (Main): **H04M-000/00**

39/3,K/5 (Item 5 from file: 347)

DIALOG(R) File 347:JAPIO
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06413770 **Image available**
COMMUNICATION TERMINAL EQUIPMENT

PUB. NO.: 11-355428 [JP 11355428 A]
PUBLISHED: December 24, 1999 (19991224)
INVENTOR(s): ASAI NORIHIKO
APPLICANT(s): BROTHER IND LTD
APPL. NO.: 10-158865 [JP 98158865]
FILED: June 08, 1998 (19980608)

INTL CLASS: **H04M-001/64 ; H04M-001/57**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a communication terminal equipment by which a **callee** can accurately confirm a caller and can transmit the intention of an urgent callback to...

... an incoming call while an automatic answering function is in operation (S1: YES), a caller **telephone** number discrimination means **detects** an added caller **telephone** number (S2). In the case that the caller **telephone** number is registered in a **telephone** number data table (S2: YES), a 'name' and 'message type' **corresponding** to data of a 'telephone number' in **matching** with the caller **telephone** number are read from the **telephone** number data table and a reply message **corresponding** to each 'message type' **corresponding** to the caller **telephone** number and the caller name is sent to a **telephone** line via a reply message transmission means and a **speech** circuit 7 (S3-S7). Then the message is recorded and the **telephone** line is open (S8-S9).

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39/3,K/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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05993183 **Image available**

CALL TARIFF NOTIFYING TERMINAL

PUB. NO.: 10-276283 [JP 10276283 A]

PUBLISHED: October 13, 1998 (19981013)

INVENTOR(s): TANAKA SHIGEYUKI

APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
TOTTORI SANYO ELECTRIC CO LTD [323436] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-078332 [JP 9778332]

FILED: March 28, 1997 (19970328)

INTL CLASS: H04M-015/30

...JAPIO CLASS: Telephone)

...JAPIO KEYWORD: Speech Recognition & Synthesis); R131 (INFORMATION PROCESSING

ABSTRACT

PROBLEM TO BE SOLVED: To notify a callee or an uncontracted caller of a call tariff by calculating the call tariff from a...

...SOLUTION: When a control circuit 4 detects the telephone number of caller through a telephone number detection circuit 3, this is stored in a RAM 11. Then, when the pickup of hand set 8 is detected, counting for call tariff calculation is started. Further, calling time for the unit of 10 yen is calculated corresponding to the area code and local station number of the telephone number of caller and the current date and time due to the timer from a...

... yen and the passage of time after off-hook and this is displayed. Thus, by detecting the caller number, even a callee can know the call tariff.

39/3,K/7 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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05810638 **Image available**

CALL TARIFF COLLECTING METHOD AND ISDN TERMINAL

PUB. NO.: 10-093738 [JP 10093738 A]

PUBLISHED: April 10, 1998 (19980410)

INVENTOR(s): SUKAI NAOKI

ARAI MASATO

KUWABARA TERUO

HORIBA MITSURU

YAMADA TAKAHIRO

HASEGAWA TORU

APPLICANT(s): ANRITSU CORP [330013] (A Japanese Company or Corporation), JP (Japan)

NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)

NTT FUANETSUTO SYST KK [000000] (A Japanese Company or

Corporation), JP (Japan)
APPL. NO.: 08-262516 [JP 96262516]
FILED: September 11, 1996 (19960911)

INTL CLASS: H04M-017/02 ; H04M-011/00 ; H04M-015/00 ; H04M-015/16
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

PROBLEM TO BE SOLVED: To enable use of an existing **analog** tariff collecting type **telephone** set, even when an **analog** line is changed to an ISDN line and a terminal is extended...

...SOLUTION: An ISDN **telephone** set 30 as an ISDN terminal receives a dial signal from an **analog** tariff collecting type **telephone** set 10, transmits a call setup message to call a **callee**, **corresponding** to the dial signal to an ISDN line network after obtaining charging information **corresponding** to the dial signal from a charging information center 20, connects a **speech** path of the tariff collecting type **telephone** set 10 and an information channel of the ISDN line together and simultaneously starts outputting a storage signal to the tariff collecting type **telephone** set 10 in a charging timing, based on the obtained charging information when the **callee** responds.

39/3,K/8 (Item 8 from file: 347)
DIALOG(R) File 347:JAPIO
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05782694 **Image available**
AUTOMATIC ANSWERING TELEPHONY SYSTEM

PUB. NO.: 10-065794 [JP 10065794 A]
PUBLISHED: March 06, 1998 (19980306)
INVENTOR(s): SAKATA TOSHIHIKO
KIKUCHI KENICHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 08-217022 [JP 96217022]
FILED: August 19, 1996 (19960819)

INTL CLASS: H04M-001/64 ; H04M-001/65
...JAPIO CLASS: Telephone)
...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

... accurately perform remote control by inserting a filter with which a signal inputted to a **voice recognizing** means has frequency characteristics equal to a signal sent through a **telephone** line when registering a **voice** sample in the **voice recognizing** means...

...SOLUTION: A **callee** changes operation to a **voice recognition** register mode by an operating means 13. Then, a switch 12 is changed over to...

...control means 7, and a microphone 10 is connected through a filter 11 to a **voice recognizing** means 5. The frequency characteristics of the filter 11 are set to be difference between the input frequency characteristics of the microphone 10 and the frequency characteristics of a **telephone** line 1. Thus, when inputting a **voice** signal inputted from the microphone 10 to the means 5, this signal becomes the frequency...

... In such a state, a prescribed instruction is registered in the means 5 as a **voice** sample in **voice**, and the operation of automatic answering telephony system **corresponding** to that prescribed **voice** instruction is registered in the means 5 by using the means 13. Thus, at the time of remote control, the system is exactly operated from the line 1 **corresponding** to the **voice** instruction.

39/3,K/9 (Item 9 from file: 347)
DIALOG(R) File 347:JAPIO
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05669628 **Image available**
CHARGING SYSTEM

PUB. NO.: 09-284428 [JP 9284428 A]
PUBLISHED: October 31, 1997 (19971031)
INVENTOR(s): ADACHI TSUKASA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-092560 [JP 9692560]
FILED: April 15, 1996 (19960415)

INTL CLASS: H04M-015/08 ; H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

PROBLEM TO BE SOLVED: To speedily execute a calling and communication with a **callee** side to charge the **callee** side and to charge only a prescribed caller side at the **callee** side...

...SOLUTION: A call-incoming terminal equipment 3 is provided with a **telephone** number **detection** part 32 **detecting** the **telephone** number of a caller reported from a communication network 2, a memory 33 registering the **telephone** number of a prescribed caller and a control part 35 loopback-transmitting to a call-originating terminal equipment 1 **corresponding** to the **telephone** number of the caller when the **telephone** number of the caller **detected** by the **detection** part 32 is registered in the memory 33. Thus, it is possible to speedily shift to a **speech** or communication to charge the **callee** side and to charge only to a call originated from a prescribed caller at the call-incoming destination only by directly dialing the **telephone** number of the **callee** terminal without calling a switch-board at the time of charging the **callee** side in the caller side.

39/3,K/10 (Item 10 from file: 347)
DIALOG(R) File 347:JAPIO
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05376118 **Image available**
PRIVATE BRANCH TELEPHONE SYSTEM AND INFORMATION PROCESSING METHOD FOR SAME

PUB. NO.: 08-331618 [JP 8331618 A]
PUBLISHED: December 13, 1996 (19961213)
INVENTOR(s): ITO YUJI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-139098 [JP 95139098]

FILED: June 06, 1995 (19950606)

PRIVATE BRANCH TELEPHONE SYSTEM AND INFORMATION PROCESSING METHOD FOR SAME

INTL CLASS: H04Q-003/58; H04M-003/42 ; H04M-003/54 ; H04Q-003/545

...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

...JAPIO KEYWORD: Speech Recognition & Synthesis); R116 (ELECTRONIC MATERIALS

ABSTRACT

PURPOSE: To improve convenience for a user by automatically transferring a telephone call while being linked with a computer by identifying a speaker corresponding to the voice of the user and generating a word group for guidance, etc., decided in advance for...

... is executed. Then, the screen of a display device at an extension terminal (multi-functional telephone set) 6 of the user (caller or callee) is turned on. The user transmits an instruction on the distribution on ordinary time and...

... a computer 7 according to the instruction on the screen or the guidance of synthetic voice from a voice synthesizer 12. The computer 7 preserves those instructed contents in an external storage device 8...

...is waited. When there is an incoming call, the guidance is let flow from the voice synthesizer 12. When the caller originates a call, speaker identifying processing is performed. When any...

39/3,K/11 (Item 11 from file: 347)
DIALOG(R) File 347:JAPIO
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05020040 **Image available**
RESPONSE MESSAGE COLLECTING AND TRANSMITTING DEVICE

PUB. NO.: 07-312640 [JP 7312640 A]
PUBLISHED: November 28, 1995 (19951128)

INVENTOR(s): HONMA SHIGERU

APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-125867 [JP 94125867]

FILED: May 17, 1994 (19940517)

INTL CLASS: H04M-001/64 ; H04M-001/65 ; H04M-011/10
...JAPIO CLASS: Telephone)

ABSTRACT

...message as if spoken by a human response by providing a message exchange monitoring part, voice block segmenting part, response message storage part and response message generating part or the like...

... a main control part 1 is turned to an automatic response mode, and an incoming detecting part 2 transmits the incoming result to the main control part 1. The main control...

... incoming call and transmits that response message through a speech circuit part 5 to a telephone line while matching timing from calling start to the response equally with the time of collecting that response...

... In this case, a sound recording and reproducing part 10 records all messages between a **callee** and the opposite party from the start of the response. When a mode switcher 11c...

39/3,K/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
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05010682 **Image available**
SIMPLE TYPE PORTABLE TELEPHONE SET

PUB. NO.: 07-303282 [JP 7303282 A]
PUBLISHED: November 14, 1995 (19951114)
INVENTOR(s): ADACHI TADASHI
APPLICANT(s): AIWA CO LTD [358393] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-096292 [JP 9496292]
FILED: May 10, 1994 (19940510)

SIMPLE TYPE PORTABLE TELEPHONE SET

INTL CLASS: H04Q-007/38; H04M-001/00
...JAPIO CLASS: Telephone)
...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

...recording mode is set and to display this message on a display part on a **callee** side at the time of receiving the code for the message from the caller side...
... means of the contents of the message on the display part. Furthermore, specifying key code corresponding to a **telephone** number on the caller side among specified key codes is read so as to automatically...

39/3,K/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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04855008 **Image available**
EXCHANGE WITH CALLING CONFIRMING FUNCTION

PUB. NO.: 07-147608 [JP 7147608 A]
PUBLISHED: June 06, 1995 (19950606)
INVENTOR(s): KANEKO MINORU
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 05-293504 [JP 93293504]
FILED: November 24, 1993 (19931124)

INTL CLASS: H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

... function so as to avoid misdial by confirming whether a caller dials a really intended **callee** or not before the **callee** dialed by the caller is called...

...is provided with an exchange controller 5 for previously registering and storing a message for callee confirmation corresponding to the telephone number of the callee, voice synthesizer 6 for converting the message for callee confirmation to voice signals and returning them to the caller corresponding to the instruction of the exchange controller 5 when the caller calls the callee, voice recognizing device 7 for analyzing / recognizing the voice signals of the caller in response to the message for callee confirmation, and exchange controller 5 for selectively performing the call incoming or disconnecting operation of the callee corresponding to the recognized result.

39/3,K/14 (Item 14 from file: 347)
DIALOG(R) File 347:JAPIO
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04717998 **Image available**
AUTOMATIC ANSWERING TELEPHONE SYSTEM

PUB. NO.: 06-188998 [JP 6188998 A]
PUBLISHED: July 08, 1994 (19940708)
INVENTOR(s): NISHI HIROYUKI
HONMA SHIGERU
KITAI MIKIO
ARAI KAZUHIRO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-338630 [JP 92338630]
FILED: December 18, 1992 (19921218)

AUTOMATIC ANSWERING TELEPHONE SYSTEM

INTL CLASS: H04M-003/50 ; H04M-003/42 ; H04Q-003/58
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

PURPOSE: To automatically answer a phone and evading the economical burden such as employing an operator or purchasing many automatic answering telephone sets by using an automatic answering telephone system...

...CONSTITUTION: When an incoming call comes to a telephone line 2, a detection section 3 detects a signal and notifies it to a control section 4. The control section 4 directs...

... control section 4 sends messages stored in a memory 6 to the line, inputs a voice which responds to the message into a word spotting section 8 to recognize a callee, and notifies it to the control section 4. The control section refers to the memory 1 to collate the presence or absence of the callee, performing the corresponding processing. Then, the control section 4 reads out hooking time length data stored in the...

... then closes it again. Then, the control section reads out the extension number of the callee from a memory 14, sends a dial signal to the extension line. When the callee makes the telephone an off-hook state, a holding outside line is transmitted to the callee .

39/3,K/15 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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04489144 **Image available**
EXCHANGE SYSTEM

PUB. NO.: 06-133044 [JP 6133044 A]
PUBLISHED: May 13, 1994 (19940513)
INVENTOR(s): MORITOMO HARUO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-279861 [JP 92279861]
FILED: October 19, 1992 (19921019)
JOURNAL: Section: E, Section No. 1591, Vol. 18, No. 428, Pg. 50,
 August 10, 1994 (19940810)

INTL CLASS: H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: Speech Recognition & Synthesis); R131 (INFORMATION
PROCESSING

ABSTRACT

PURPOSE: To execute dial-input by means of voice and to improve service
for a telephone subscriber...

...CONSTITUTION: When telephone number input (voice dial input) by
voice is indicated by a prescribed telephone terminal 21, a service
control computer 26 requests the connection of the telephone terminal 21
and a voice recognition device 25 to PBX 23. The voice recognition
device 25 recognizes voice inputted from the telephone terminal 21,
obtains the telephone number of a callee, which corresponds to a
recognized voice pattern, from a voice pattern/telephone number
storage part 24, and informs the service control computer 26 of it. When
the telephone number of a callee telephone terminal 22 is inputted
from the voice recognition device 25, the service control computer 26
requests the connection of the caller telephone terminal 21 and the
callee telephone terminal 22 to PBX 23 and establishes the speech
path of the both terminals.

39/3,K/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO
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03860557 **Image available**
CALL DISPLAYING SYSTEM FOR EXTENSION SUBSCRIBER

PUB. NO.: 04-225657 [JP 4225657 A]
PUBLISHED: August 14, 1992 (19920814)
INVENTOR(s): HIRAGA TAKASHI
APPLICANT(s): NEC ENG LTD [329822] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-407519 [JP 90407519]
FILED: December 27, 1990 (19901227)
JOURNAL: Section: E, Section No. 1299, Vol. 16, No. 579, Pg. 23,
 December 18, 1992 (19921218)

INTL CLASS: H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

PURPOSE: To specify a callee user a caller desires even when one

extension subscriber is used by plural users by calling him by a **voice** or character information **corresponding** to a dial number assigned to every user...

...used by plural users, and they are given respectively the different dial numbers. The number **corresponding** to one of the users of the extension subscriber B13 is dialed from the extension...

... Central control unit 18 takes out the information of the extension subscriber B13 of a **callee** extension and display information from a **callee** information storage means 16 through an information taking out means 17 board on the dial...

...display information for calling. An information display means 15 display this display information by the **voice** or a character, and calls the specified user.

39/3,K/17 (Item 17 from file: 347)

DIALOG(R) File 347:JAPIO

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03717360 **Image available**

AUTOMATIC TELEPHONE INCOMING RESPONSE SYSTEM

PUB. NO.: 04-082460 [JP 4082460 A]

PUBLISHED: March 16, 1992 (19920316)

INVENTOR(s): YOSHIHARA KENZO

APPLICANT(s): NIPPON CONLUX CO LTD [457317] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 02-196768 [JP 90196768]

FILED: July 25, 1990 (19900725)

JOURNAL: Section: E, Section No. 1228, Vol. 16, No. 303, Pg. 84, July 03, 1992 (19920703)

AUTOMATIC TELEPHONE INCOMING RESPONSE SYSTEM

INTL CLASS: H04M-003/42 ; H04Q-007/04

...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

PURPOSE: To quickly call a **callee** and to dispense with another's hand by performing the off-hook of a **telephone** set nearby by replying to a call by a call means by the **callee**, and setting a **speech** state with a caller ...

... and also, sends a message to expedite the input of the identification information of the **callee** to the caller. When the identification information inputted from the caller is **detected** replaying to the message, a broadcast communication command is sent to an exchange means 10, and also, **detected** identification information is sent out to the exchange means 10. The exchange means 10 replies to the **detection** of the identification information, and transmission adaptor means A1-Am call a **correspondent** pager 30 by radio, and the **callee** replies to the call, and performs the off-hook of the **telephone** set nearby, thereby, the **speech** state with the caller can be set. In such a way, no another's hand ...

39/3,K/18 (Item 18 from file: 347)

DIALOG(R) File 347:JAPIO
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03508958 **Image available**
METHOD FOR CALLING CALLEE AT TELEPHONE TERMINAL

PUB. NO.: 03-171858 [JP 3171858 A]
PUBLISHED: July 25, 1991 (19910725)
INVENTOR(s): MINEGISHI KATSUMI
APPLICANT(s): HITACHI COMMUN SYST INC [491082] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-307773 [JP 89307773]
FILED: November 29, 1989 (19891129)
JOURNAL: Section: E, Section No. 1124, Vol. 15, No. 412, Pg. 159, October 21, 1991 (19911021)

METHOD FOR CALLING CALLEE AT TELEPHONE TERMINAL

INTL CLASS: H04M-003/42 ; H04M-003/06
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: Speech Recognition & Synthesis); R131 (INFORMATION PROCESSING

ABSTRACT

... To dispense with intermediation by a third party by receiving a signal to specify a callee transmitted from an outgoing telephone terminal, and vocalizing a message to call the callee registered in advance...

... response is issued, and a response message registered in advance is transmitted to the outgoing telephone terminal via the private branch exchange 16. The signal to specify the callee transmitted from the outgoing telephone terminal is received, and the message to call the callee registered in advance is vocalized. Therefore, a synthetic voice to specify the callee can be generated corresponding to the designation of a caller. In such a way, no intermediation work can be...

39/3,K/19 (Item 19 from file: 347)
DIALOG(R) File 347:JAPIO
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03291236 **Image available**
DEPUTY RESPONSE SYSTEM FOR INCOMING CALL

PUB. NO.: 02-266736 [JP 2266736 A]
PUBLISHED: October 31, 1990 (19901031)
INVENTOR(s): MATSUDA SHINJI
AKITA KUNIHIKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
NEC ENG LTD [329822] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-086959 [JP 8986959]
FILED: April 07, 1989 (19890407)
JOURNAL: Section: E, Section No. 1023, Vol. 15, No. 18, Pg. 121, January 16, 1991 (19910116)

INTL CLASS: H04M-001/64
...JAPIO CLASS: Telephone)

ABSTRACT

... a registration number by dialing a second dial number by a caller, and calling the **callee** of a group **telephone** with a monitoring speaker...

...CONSTITUTION: When the registration number of the **callee** is received from a caller side with the second dial number, a registration comparison means 7 reads out the registration information of the **callee corresponding** to the registration number from the table of a registration data memory 8 based on the registration number **recognized0** by a second dial **recognizing** means 6. A **callee** side guiding means 9 reads out **voice** data from a registrar **voice** memory 10 based on the registration information, and it is converted to a **voice** signal by a **voice** synthesis means 14, and is sent to the monitoring speaker 4, and calling **voice** to the **callee** is generated from the speaker 4. In such a manner, it is possible to eliminate...

...intermediation of the agent of the group responding to the incoming call of a group **telephone** set.

39/3,K/20 (Item 20 from file: 347)
DIALOG(R) File 347:JAPIO
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02948055 **Image available**
MANAGEMENT SYSTEM FOR DESTINATION OF EXTENSION SUBSCRIBER

PUB. NO.: 01-245655 [JP 1245655 A]
PUBLISHED: September 29, 1989 (19890929)
INVENTOR(s): TAKAHASHI SHUICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-072318 [JP 8872318]
FILED: March 25, 1988 (19880325)
JOURNAL: Section: E, Section No. 866, Vol. 13, No. 584, Pg. 19,
December 22, 1989 (19891222)

INTL CLASS: H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

PURPOSE: To eliminate a trouble of substituting response of a person around an extension **telephone** set and the transmission of destination information by answering automatically to an incoming call to...

...extension where the subscriber is absent and displaying audibly or visually the destination of the **callee** for the caller in the case the extension subscriber goes out after registering the destination...

...CONSTITUTION: When a call comes in from a multifunctional **telephone** set MFT 11 or an external trunk 31, a call **detection** part 52 **detects** the call, then receives a dial information. A dial information reader part 53 reads the extension number of the **callee** from this dial information, collates the content in a **corresponding** address in an extension subscriber destination memory circuit 62, and decides the destination of the **callee** subscriber is registered. However, if the call is from an MFT at an extension instead of from an external line, the destination information is transmitted through an ordinary **telephone** set TEL 12 from a terminal control part 51 to the MFT 11, so that...

... of the MFT 11. Thereafter, under the control of a connection control

part 54, a **voice** message transmission circuit 30 and the MFT 11 are connected with each other, and a **voice** message is transmitted to the caller side. As a result, a trouble of substituting response of a person and the transmission of destination information of the **callee** can be eliminated.

39/3,K/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

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02619553 **Image available**

VOICE DIALING DEVICE

PUB. NO.: 63-236453 [JP 63236453 A]

PUBLISHED: October 03, 1988 (19881003)

INVENTOR(s): ARIYOSHI TAKASHI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 62-070852 [JP 8770852]

FILED: March 25, 1987 (19870325)

JOURNAL: Section: E, Section No. 709, Vol. 13, No. 38, Pg. 117, January 27, 1989 (19890127)

VOICE DIALING DEVICE

INTL CLASS: H04M-001/274 ; G10L-003/00

...JAPIO CLASS: Telephone); 42.5 (ELECTRONICS

...JAPIO KEYWORD: Speech Recognition & Synthesis)

ABSTRACT

PURPOSE: To improve a **recognition** rate and to increase retrieval speed, by providing a feature extraction part, an area code storage part and a pattern **recognition** part, etc., classifying recording contents without putting load on a user, and narrowing the candidate of **recognition** or retrieval down...

... advance, and also, the dial number desired to be communicated and the name of a **callee** are registered by the user. And the feature quantity of a **voice** inputted from a handset 1 is extracted at the feature extraction part 2, and at the pattern **recognition** part 3, pattern **recognition** and the **recognition** of correctness are performed for the reference pattern of the unspecified talker of the name of the area code and that of the name of the **callee**. As a result, when a **recognized** result obtaining the indication of the correctness is the name of the code area, the pattern **recognition** is performed again out of the reference patterns of the name of the **callee** corresponding to the dial number including the code area, and when the **recognized** result is correct, the dial number is issued, In such a way, it is possible to improve the **recognition** rate and to increase the retrieval speed.

39/3,K/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO

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02487650 **Image available**

TELEPHONE SET

PUB. NO.: 63-104550 [JP 63104550 A]

PUBLISHED: May 10, 1988 (19880510)
INVENTOR(s): KUROSAWA YUJI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-250038 [JP 86250038]
FILED: October 21, 1986 (19861021)
JOURNAL: Section: E, Section No. 659, Vol. 12, No. 348, Pg. 61,
September 19, 1988 (19880919)

TELEPHONE SET

INTL CLASS: H04M-001/00
...JAPIO CLASS: Telephone)

ABSTRACT

PURPOSE: To make a **callee** side know a person whom a caller wants to call before calling by providing a means for **recognizing** the OPposite person the caller wants to call before generating a ringing tone...

...CONSTITUTION: A titled **telephone** set provides a **speech** network 8 for converting two-wire-four-wire, a **telephone** receiver 9, a **voice** recording and reproducing control circuit 10, a storage element 11 for storing a digitized **voice** signal and a parallel I/O 12 for deciding the existence of a call signal, controlling the **voice** recording and reproducing control circuit 10 and **detecting** a DTMF, etc. Various kinds of faulse bEll sounds **corresponding** to the **detected** DTMF are generated in a faulse bell sound generation circuit 19 and made to pass...

... is decided according to the difference of timbre of the faulse bell sound. Thus the **callee** side is released from a job of answering a bell instead of the **callee** and the caller side can make it needless to ask to call the **callee** since the person whom the caller wants to speak answers a **telephone**.

39/3,K/23 (Item 23 from file: 347)
DIALOG(R) File 347:JAPIO
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02461749 **Image available**
MALICIOUS CALL INFORMING SYSTEM

PUB. NO.: 63-078649 [JP 63078649 A]
PUBLISHED: April 08, 1988 (19880408)
INVENTOR(s): MANABE YUTAKA
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-221814 [JP 86221814]
FILED: September 22, 1986 (19860922)
JOURNAL: Section: E, Section No. 649, Vol. 12, No. 314, Pg. 29, August
25, 1988 (19880825)

INTL CLASS: H04M-003/42
...JAPIO CLASS: Telephone); 36.4 (LABOR SAVING DEVICES

ABSTRACT

... and to improve the quality of a service offered to a subscriber, by calling a **callee** subscriber automatically from an exchange side after completing a call, and informing the number of...
... caller subscriber, when a request to inform the number of the caller

subscriber from the **callee** subscriber is issued in calling...

...CONSTITUTION: when the **callee** subscriber desires to know the number of the caller subscriber because the caller subscriber is a malicious subscriber who places a threatening call, the **callee** subscriber performs hooking. A call trunk **detects** the hooking, and transfers it to a central processor CP. The CP memorizes instruction informing a malicious call in the **corresponding** trunk number area of a detail charging information memory area in a main memory MM...

... it is confirmed whether the instruction informing the malicious call is memorized in a memory **corresponding** to the trunk number in the detail charging information memory area, and when it is memorized, the trunk number, the number of the caller subscriber, and that of the **callee** subscriber are picked up, and are transferred to a malicious call searching information memory area, and the **callee** subscriber is called automatically based on the instruction of the malicious call searching information memory, and the number of the caller is informed in **voice** .
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